

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118964.D
 Acq On : 20 Feb 2020 17:35
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022020

Quant Time: Feb 20 18:14:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	186758	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	685165	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	381403	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	698307	20.00	ng	0.00
76) Chrysene-d12	13.91	240	542058	20.00	ng	0.00
87) Perylene-d12	15.33	264	566621	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	859957	76.95	ng	0.00
7) Phenol-d6	6.40	99	1045383	76.92	ng	0.00
23) Nitrobenzene-d5	7.33	82	976673	75.26	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	374342	75.03	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1871729	72.30	ng	0.00
79) Terphenyl-d14	12.86	244	2278060	72.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	188226	37.830	ng	99
3) Pyridine	3.18	79	537234	39.536	ng	99
4) n-Nitrosodimethylamine	3.13	42	158695	38.552	ng	98
6) Aniline	6.42	93	652939	38.934	ng	# 80
8) 2-Chlorophenol	6.55	128	466342	38.668	ng	100
9) Benzaldehyde	6.31	77	353507	38.931	ng	99
10) Phenol	6.42	94	574672	39.108	ng	99
11) bis(2-Chloroethyl)ether	6.50	93	433841	38.586	ng	99
12) 1,3-Dichlorobenzene	6.70	146	559370	38.698	ng	99
13) 1,4-Dichlorobenzene	6.78	146	559124	38.654	ng	98
14) 1,2-Dichlorobenzene	6.93	146	516693	39.167	ng	100
15) Benzyl Alcohol	6.90	79	384279	39.121	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.04	45	376281	38.634	ng	100
17) 2-Methylphenol	7.02	107	377209	38.578	ng	99
18) Hexachloroethane	7.27	117	200076	38.662	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	304528	38.453	ng	100
20) 3+4-Methylphenols	7.17	107	447957	37.394	ng	98
22) Acetophenone	7.17	105	595109	37.539	ng	99
24) Nitrobenzene	7.35	77	481392	37.513	ng	98
25) Isophorone	7.59	82	844131	37.456	ng	99
26) 2-Nitrophenol	7.66	139	258273	37.985	ng	98
27) 2,4-Dimethylphenol	7.70	122	346317	37.529	ng	100
28) bis(2-Chloroethoxy)methane	7.79	93	549763	37.478	ng	100
29) 2,4-Dichlorophenol	7.90	162	412946	38.013	ng	99
30) 1,2,4-Trichlorobenzene	7.99	180	486619	37.781	ng	98
31) Naphthalene	8.06	128	1339498	37.696	ng	99
32) Benzoic acid	7.84	122	248821	38.491	ng	95
33) 4-Chloroaniline	8.12	127	557684	36.490	ng	100
34) Hexachlorobutadiene	8.19	225	303238	37.796	ng	98
35) Caprolactam	8.49	113	130993	39.161	ng	100
36) 4-Chloro-3-methylphenol	8.60	107	415102	37.756	ng	98
37) 2-Methylnaphthalene	8.76	142	912091	38.142	ng	99
38) 1-Methylnaphthalene	8.85	142	862272	38.342	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	479639	37.299	ng	100

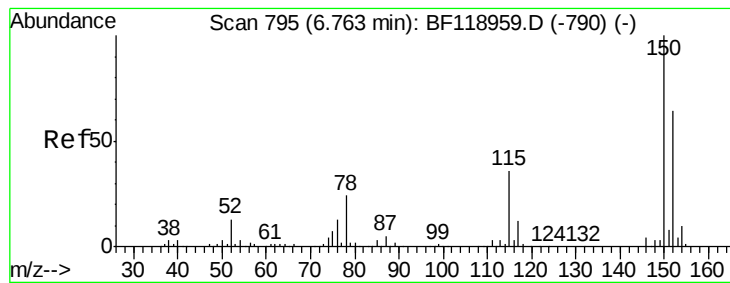
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	140357	35.859	nq	96
43) 2,4,6-Trichlorophenol	9.03	196	303766	37.407	nq	99
44) 2,4,5-Trichlorophenol	9.08	196	315704	37.048	nq	99
46) 1,1'-Biphenyl	9.22	154	1151274	37.349	nq	98
47) 2-Chloronaphthalene	9.25	162	932537	37.541	nq	99
48) 2-Nitroaniline	9.34	65	259422	37.443	nq	98
49) Acenaphthylene	9.66	152	1347446	37.557	nq	100
50) Dimethylphthalate	9.52	163	1095203	37.552	nq	100
51) 2,6-Dinitrotoluene	9.58	165	245365	37.867	nq	99
52) Acenaphthene	9.83	154	820394	37.923	nq	100
53) 3-Nitroaniline	9.75	138	267954	37.302	nq	97
54) 2,4-Dinitrophenol	9.86	184	101432	36.674	nq	98
55) Dibenzofuran	10.00	168	1232158	38.160	nq	99
56) 4-Nitrophenol	9.92	139	162461	37.642	nq	94
57) 2,4-Dinitrotoluene	9.99	165	326115	38.829	nq	99
58) Fluorene	10.35	166	943857	37.618	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	267293	37.174	nq	98
60) Diethylphthalate	10.22	149	1055785	38.414	nq	100
61) 4-Chlorophenyl-phenylether	10.33	204	497600	37.467	nq	99
62) 4-Nitroaniline	10.36	138	277906	37.813	nq	98
63) Azobenzene	10.49	77	907939	38.005	nq	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	164638	38.963	nq	98
66) n-Nitrosodiphenylamine	10.45	169	854090	37.353	nq	99
67) 4-Bromophenyl-phenylether	10.82	248	348159	38.143	nq	98
68) Hexachlorobenzene	10.89	284	399613	37.972	nq	99
69) Atrazine	10.98	200	304988	38.177	nq	100
70) Pentachlorophenol	11.09	266	162530	38.339	nq	99
71) Phenanthrene	11.30	178	1453473	38.167	nq	99
72) Anthracene	11.35	178	1448960	38.080	nq	100
73) Carbazole	11.50	167	1291184	38.090	nq	100
74) Di-n-butylphthalate	11.84	149	1601607	39.015	nq	100
75) Fluoranthene	12.49	202	1565553	38.729	nq	100
77) Benzidine	12.60	184	790533	35.860	nq	96
78) Pyrene	12.72	202	1568464	36.035	nq	99
80) Butylbenzylphthalate	13.33	149	689165	37.620	nq	92
81) Benzo(a)anthracene	13.90	228	1393591	37.732	nq	99
82) 3,3'-Dichlorobenzidine	13.86	252	543290	37.882	nq	99
83) Chrysene	13.94	228	1369746	37.220	nq	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	896329	38.729	nq	100
85) Di-n-octyl phthalate	14.50	149	1509713	40.942	nq	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	1331435	37.364	nq	99
88) Benzo(b)fluoranthene	14.93	252	1468480	39.318	nq	99
89) Benzo(k)fluoranthene	14.96	252	1281121	37.014	nq	99
90) Benzo(a)pyrene	15.28	252	1245935	36.963	nq	99
91) Dibenzo(a,h)anthracene	16.75	278	1096092	36.956	nq	98
92) Benzo(g,h,i)perylene	17.16	276	1053429	35.947	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

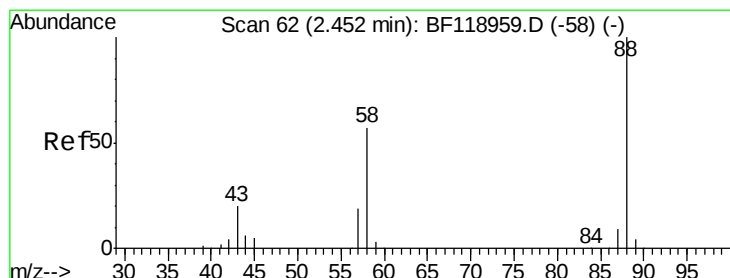
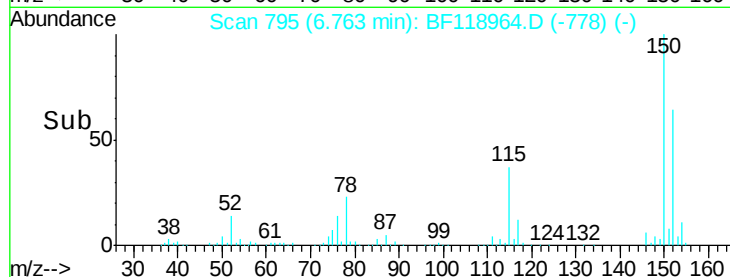
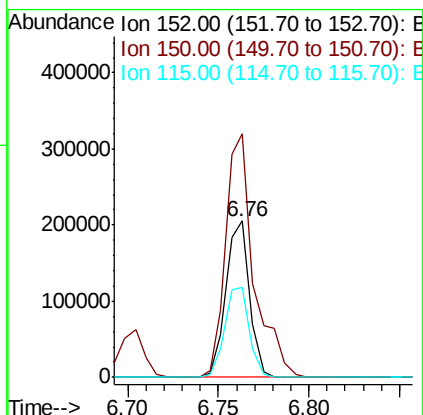
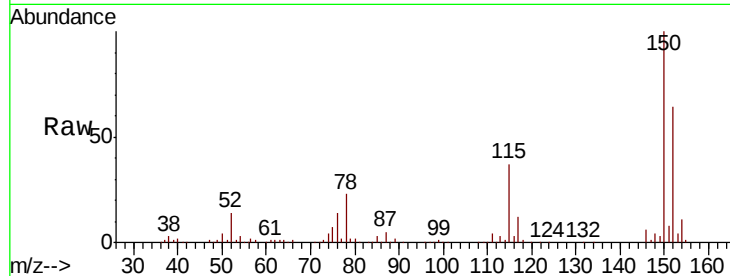


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Instrument :
BNA_F
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ICVBF022020

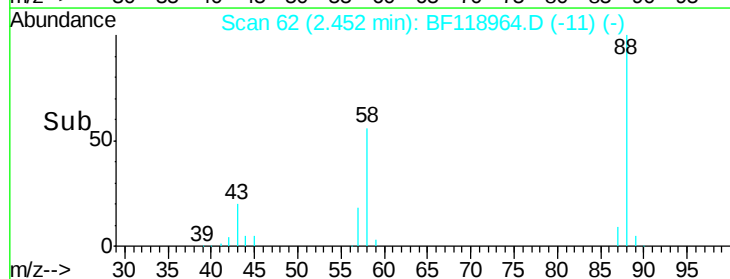
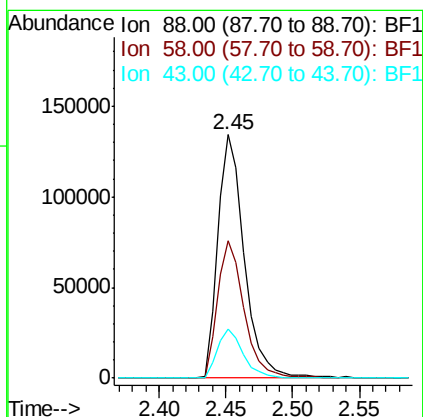
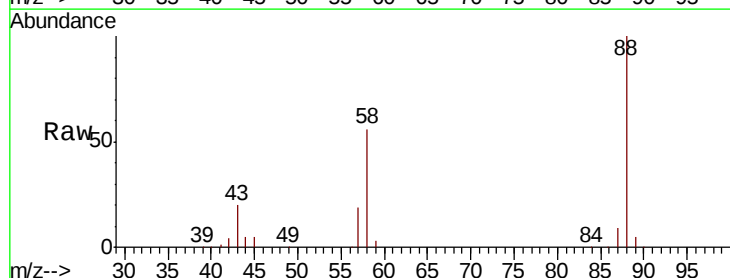
Tot Ion:152 Resp: 186758
Ion Ratio Lower Upper
152 100
150 155.7 124.3 186.5
115 57.9 44.6 67.0

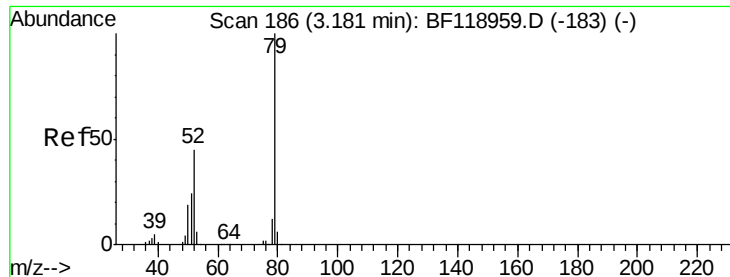


#2

1,4-Dioxane
Concen: 37.830 ng
RT: 2.45 min Scan# 62
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion: 88 Resp: 188226
Ion Ratio Lower Upper
88 100
58 56.6 44.6 66.8
43 19.8 16.0 24.0

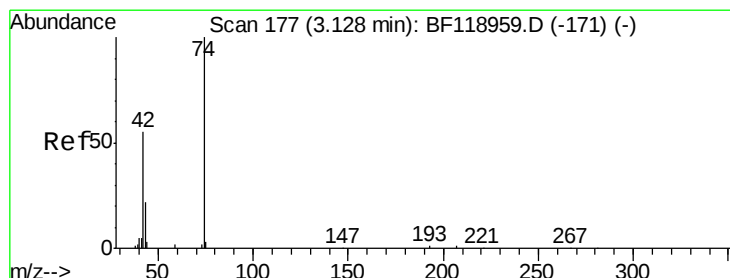
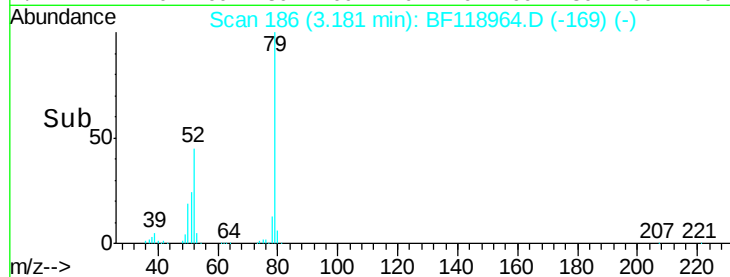
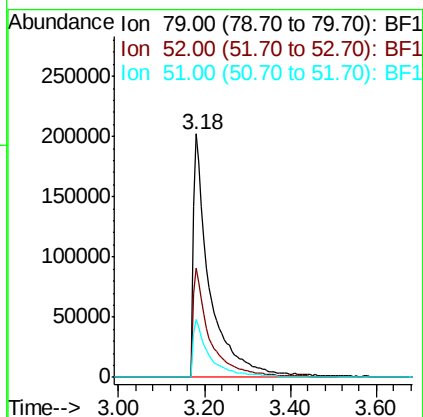
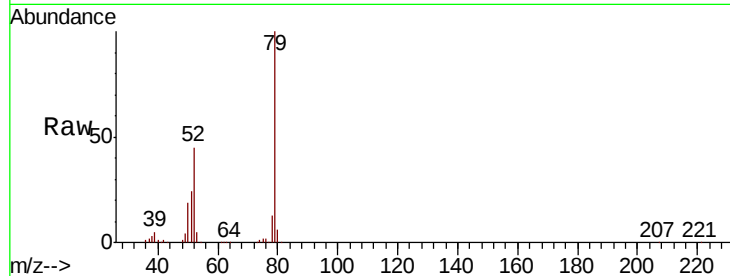




#3
 Pvrindine
 Concen: 39.536 ng
 RT: 3.18 min Scan# 186
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

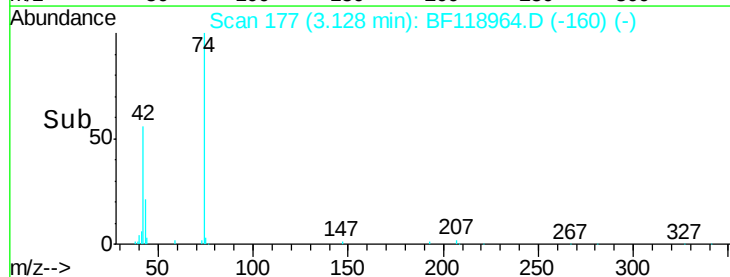
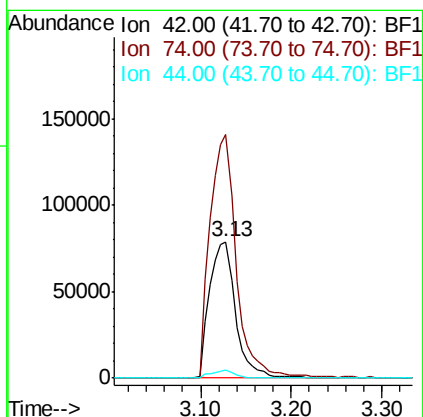
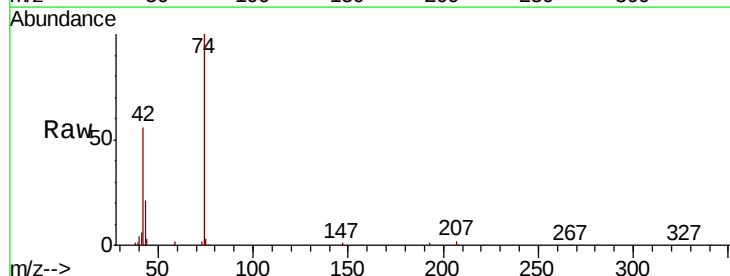
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022020

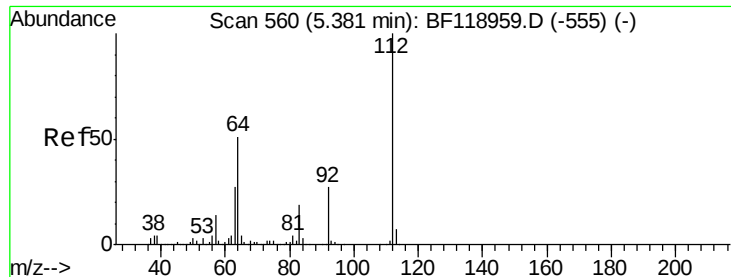
Tot Ion	Ratio	Lower	Upper
79	100		
52	45.0	36.3	54.5
51	24.0	19.5	29.3



#4
 n-Nitrosodimethylamine
 Concen: 38.552 ng
 RT: 3.13 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	178.1	144.4	216.6
44	5.9	4.5	6.7





#5

2-Fluorophenol

Concen: 76.952 ng

RT: 5.37 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

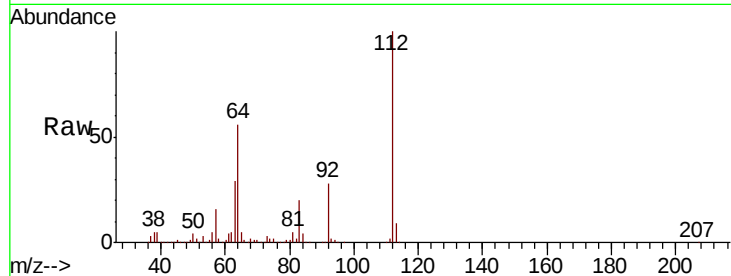
Tot Ion:112 Resp: 859957

Ion Ratio Lower Upper

112 100

64 55.8 40.4 60.6

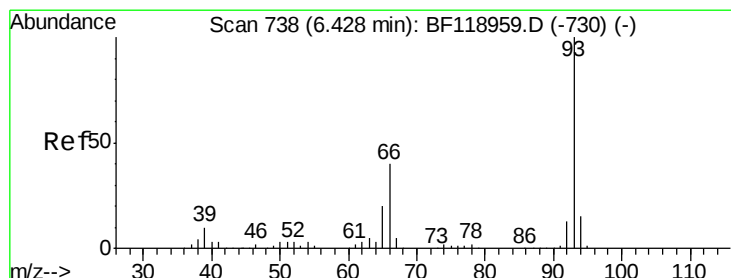
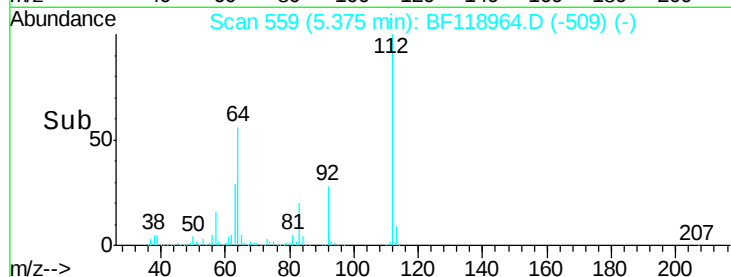
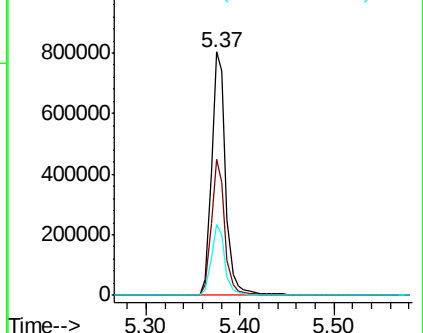
63 29.3 21.3 31.9



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.934 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

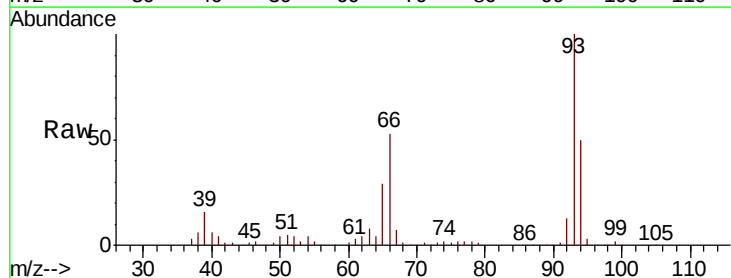
Tgt Ion: 93 Resp: 652939

Ion Ratio Lower Upper

93 100

66 53.5 32.2 48.2#

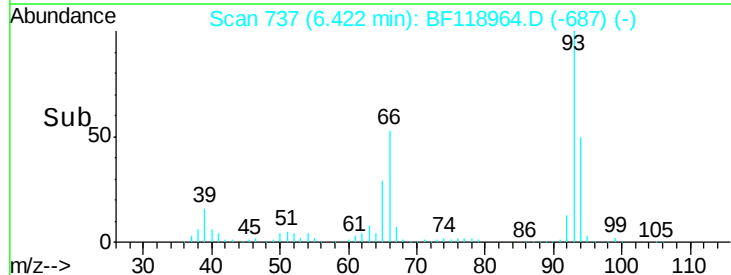
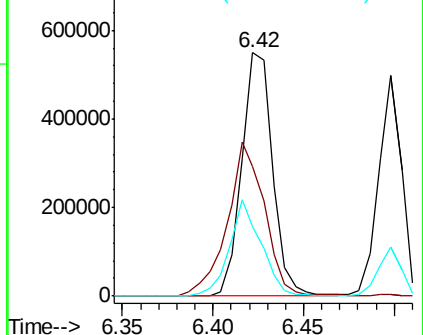
65 28.6 16.1 24.1#

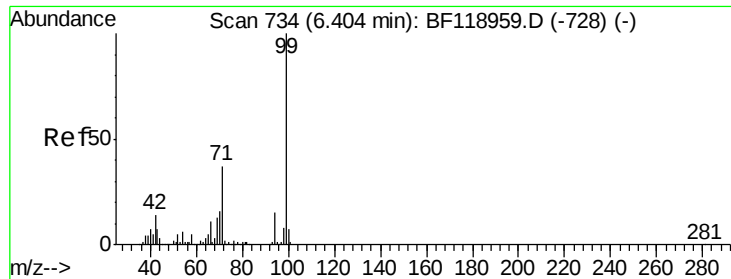


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.916 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118964.D

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ClientSampleId :

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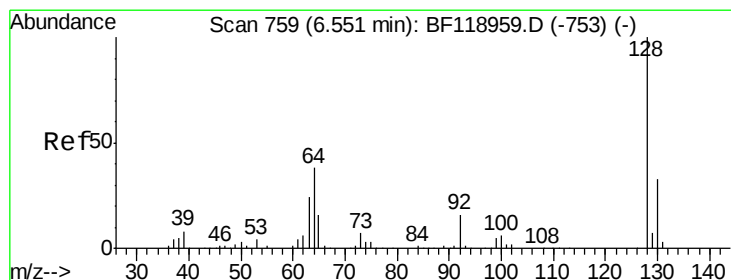
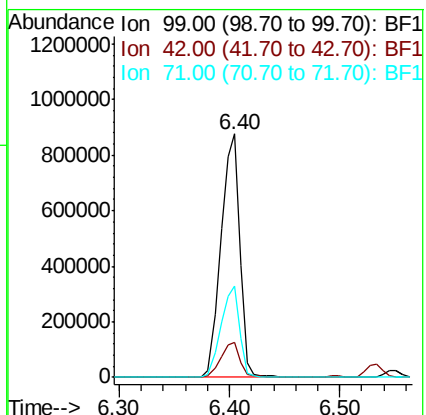
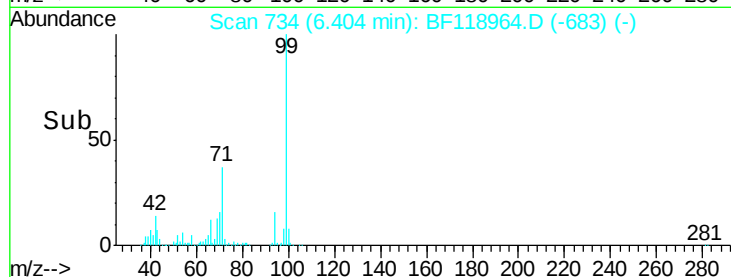
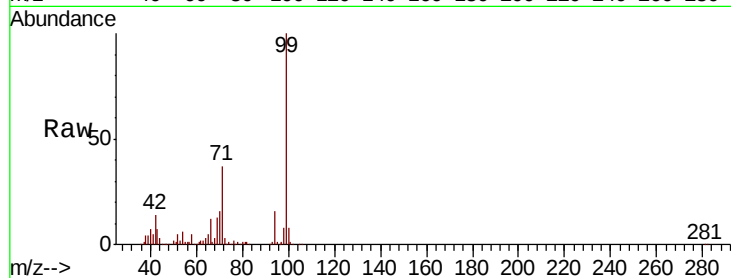
Tot Ion: 99 Resp: 1045383

Ion Ratio Lower Upper

99 100

42 14.5 11.4 17.0

71 37.4 29.8 44.6



#8

2-Chlorophenol

Concen: 38.668 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

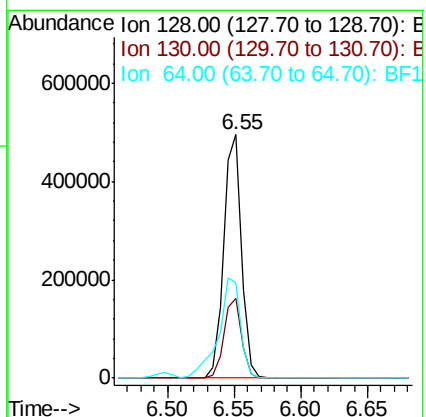
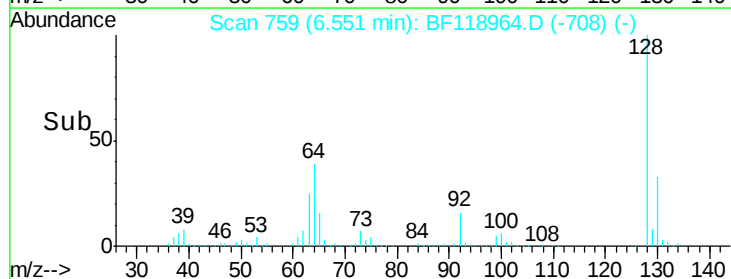
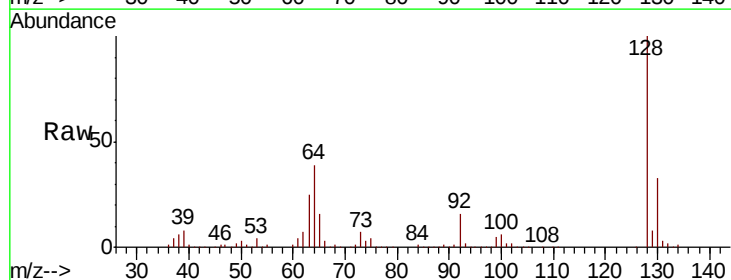
Tgt Ion: 128 Resp: 466342

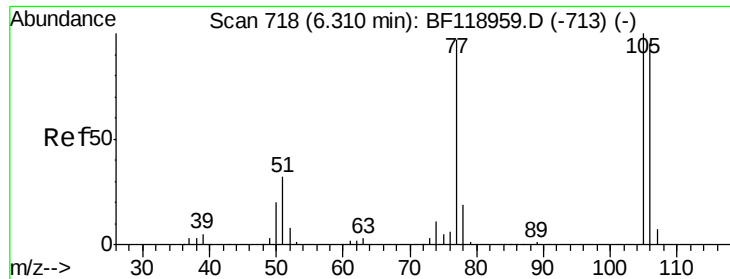
Ion Ratio Lower Upper

128 100

130 32.5 12.7 52.7

64 39.1 18.7 58.7





#9

Benzaldehyde

Concen: 38.931 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

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ClientSampleId :

ICVBF022020

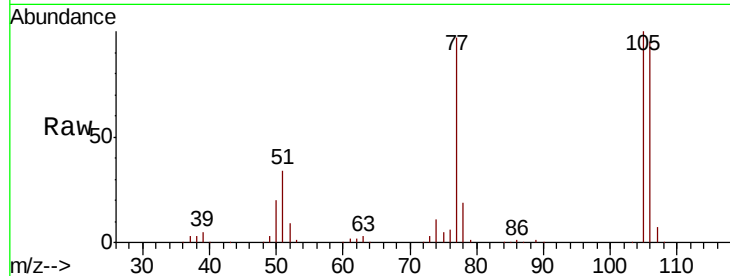
Tot Ion: 77 Resp: 353507

Ion Ratio Lower Upper

77 100

105 102.6 83.0 123.0

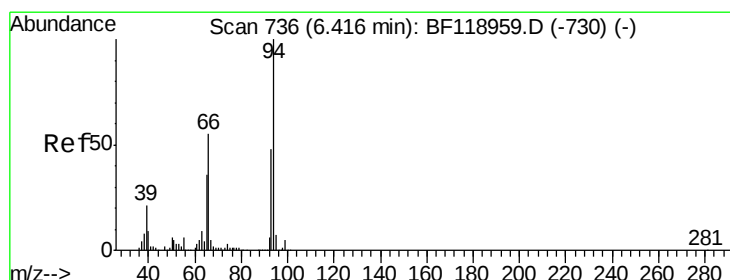
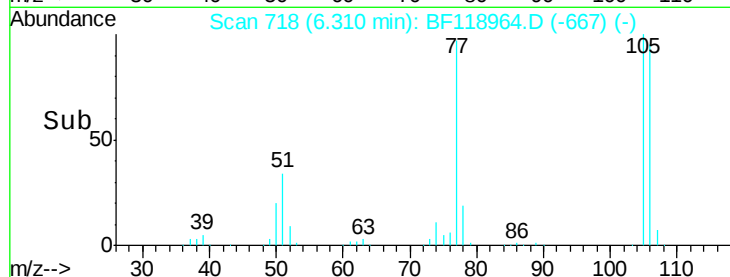
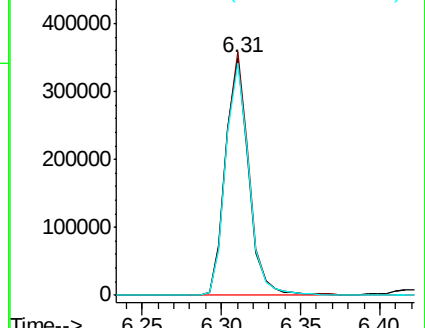
106 97.5 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.108 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

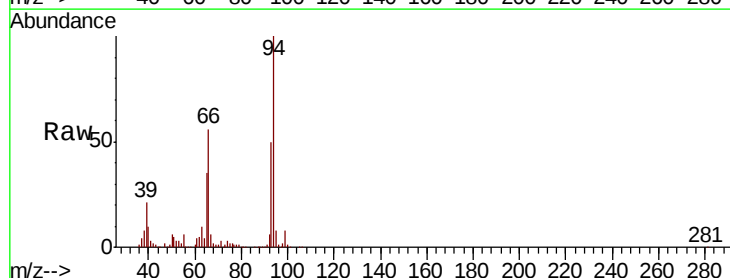
Tgt Ion: 94 Resp: 574672

Ion Ratio Lower Upper

94 100

65 34.8 15.5 55.5

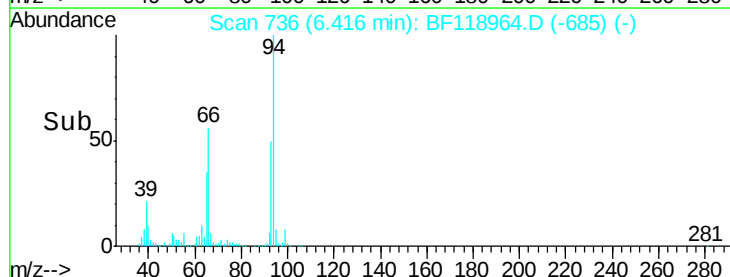
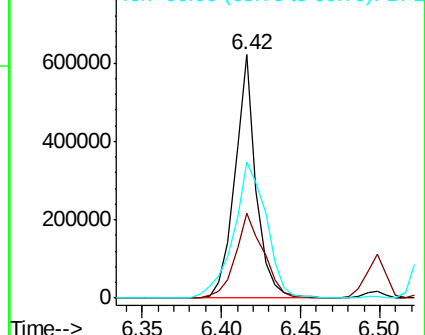
66 56.2 35.6 75.6



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

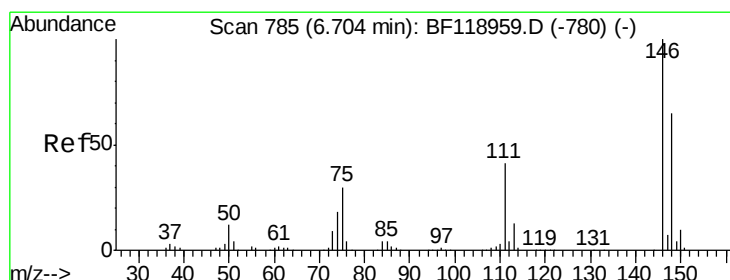
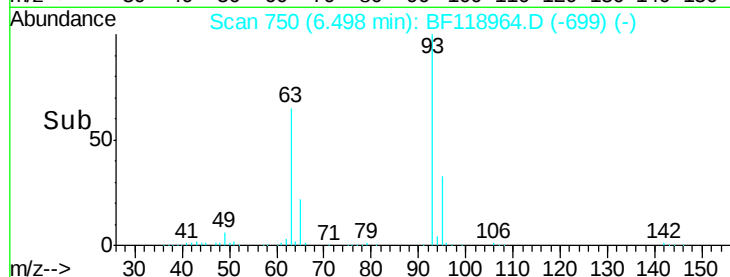
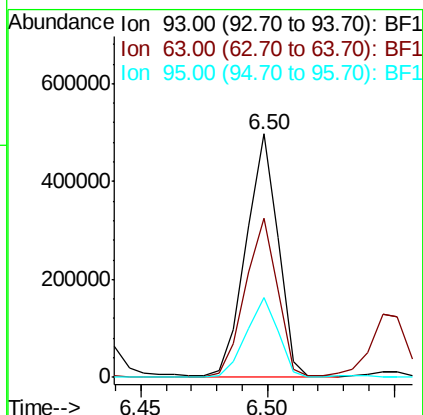
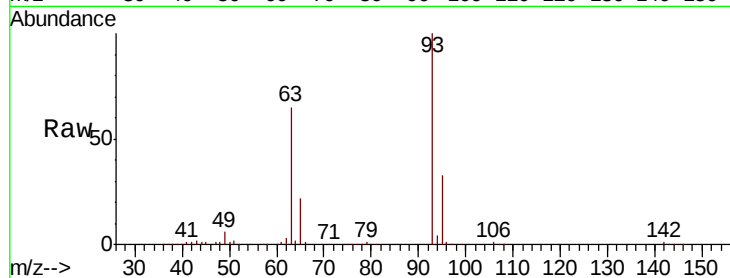




#11
bis(2-Chloroethyl)ether
Concen: 38.586 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

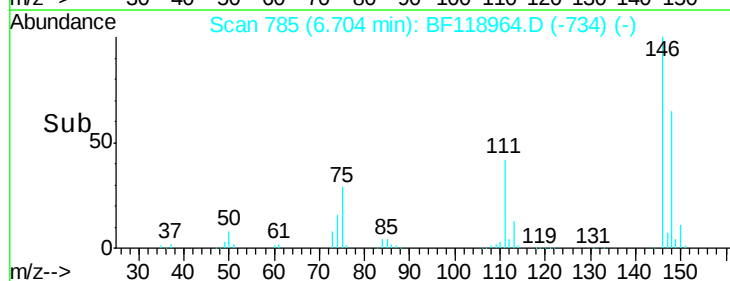
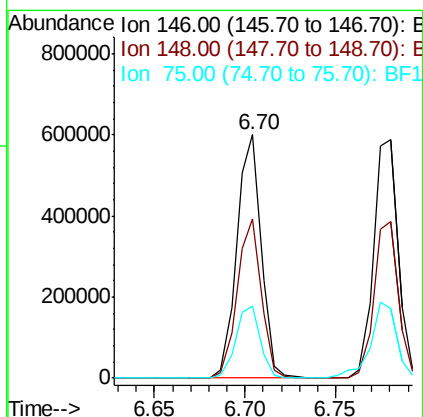
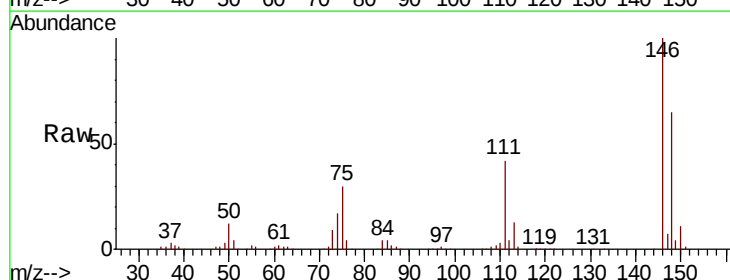
Instrument :
BNA_F
ClientSampleId :
ICVBF022020

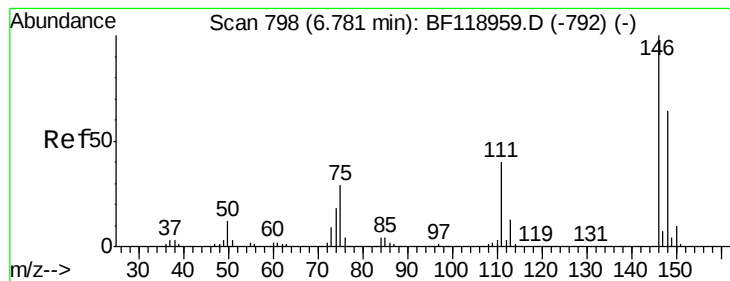
Tot Ion: 93 Resp: 433841
Ion Ratio Lower Upper
93 100
63 65.4 46.8 86.8
95 32.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 38.698 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion: 146 Resp: 559370
Ion Ratio Lower Upper
146 100
148 65.2 51.7 77.5
75 29.7 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 38.654 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

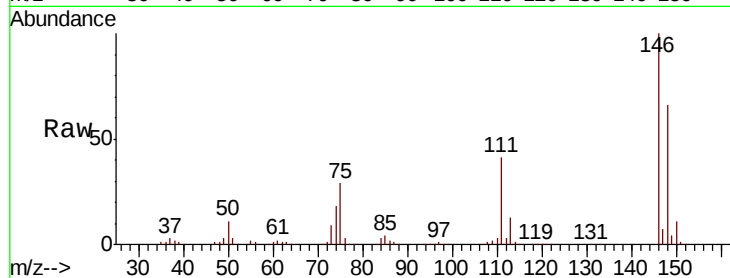
Tot Ion:146 Resp: 559124

Ion Ratio Lower Upper

146 100

148 65.9 51.4 77.2

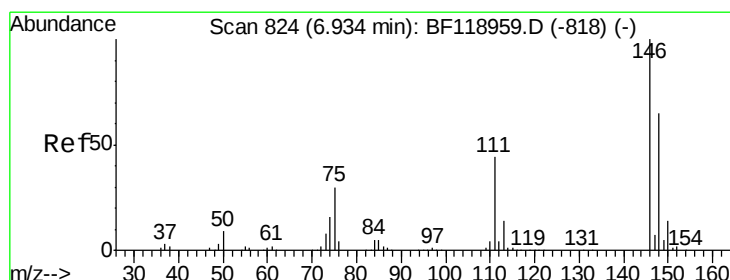
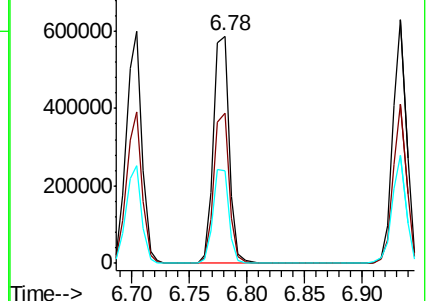
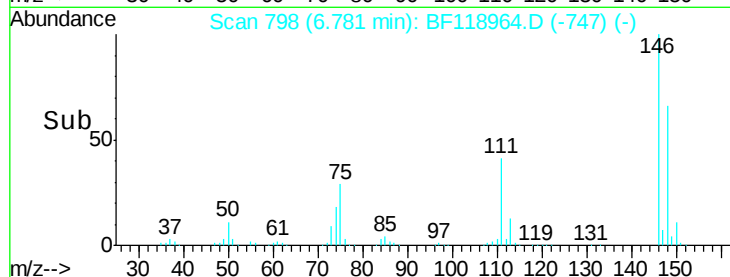
111 40.7 31.9 47.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.167 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

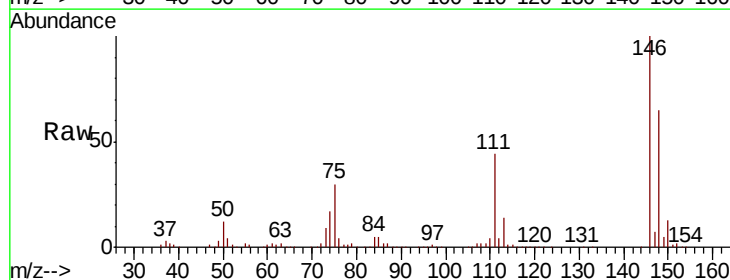
Tgt Ion:146 Resp: 516693

Ion Ratio Lower Upper

146 100

148 65.4 52.1 78.1

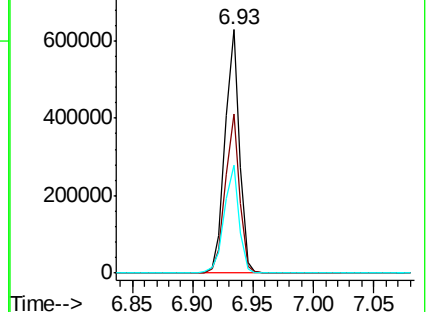
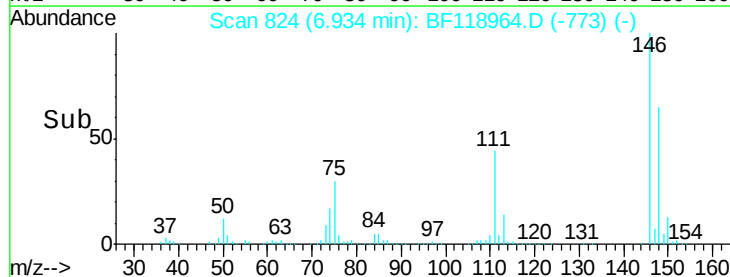
111 44.1 35.5 53.3

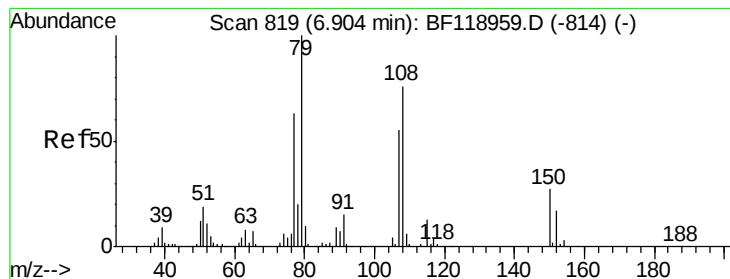


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.121 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

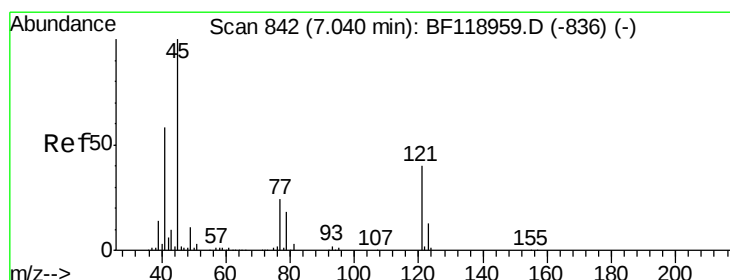
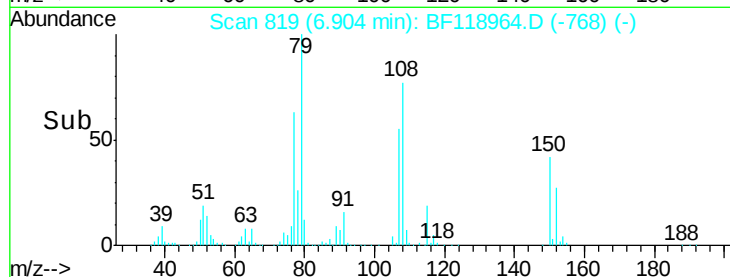
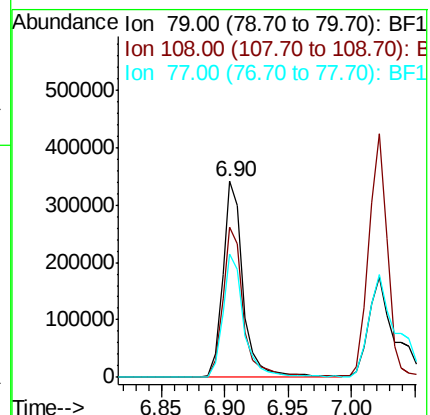
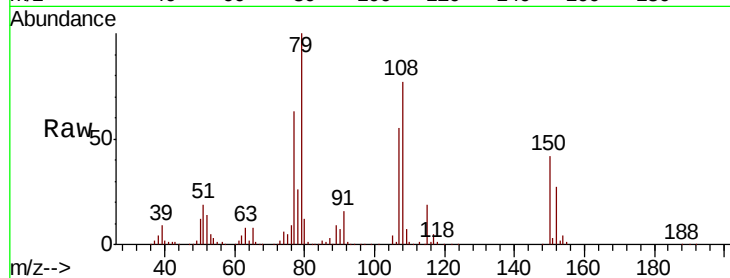
Tot Ion: 79 Resp: 384279

Ion Ratio Lower Upper

79 100

108 76.7 61.1 91.7

77 63.2 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.634 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

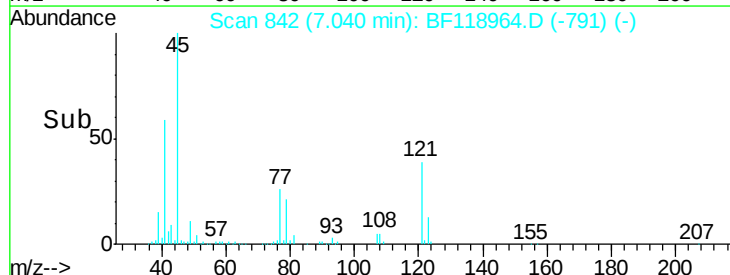
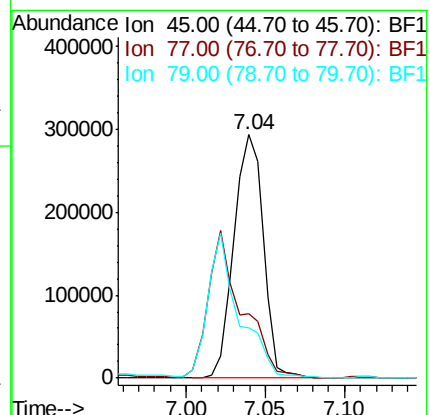
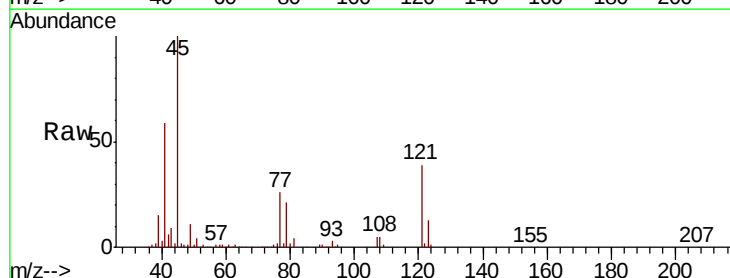
Tgt Ion: 45 Resp: 376281

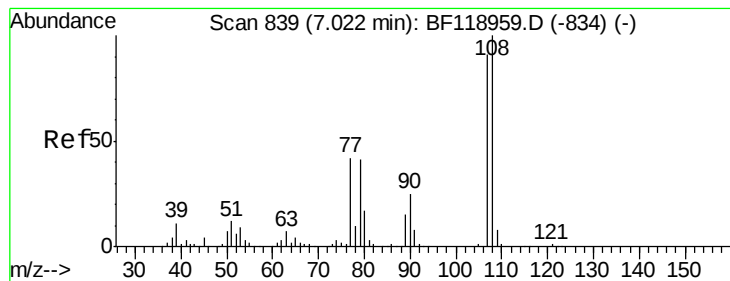
Ion Ratio Lower Upper

45 100

77 26.3 6.1 46.1

79 20.6 0.5 40.5





#17

2-Methylphenol

Concen: 38.578 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

Tot Ion:107 Resp: 377209

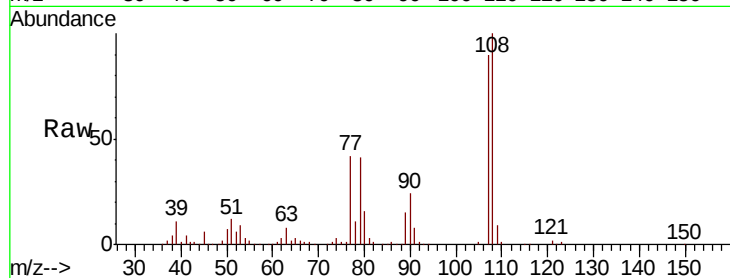
Ion Ratio Lower Upper

107 100

108 111.3 87.7 131.5

77 46.7 36.8 55.2

79 46.0 36.4 54.6

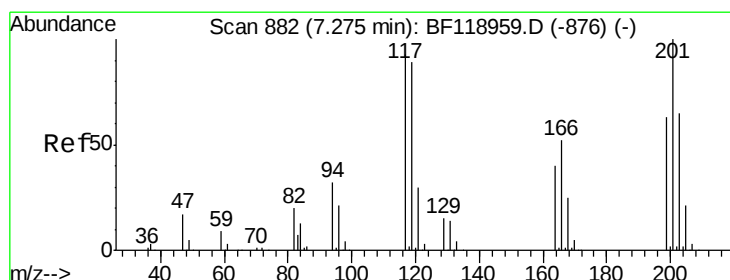
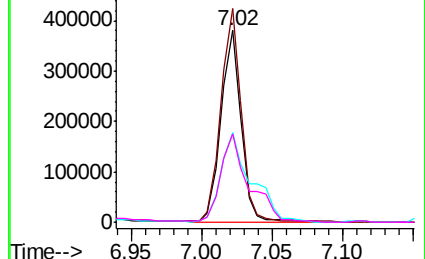
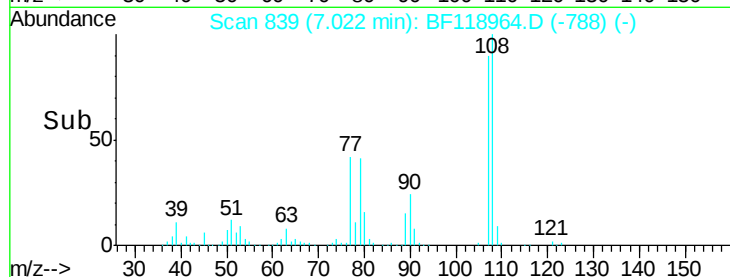


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.662 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

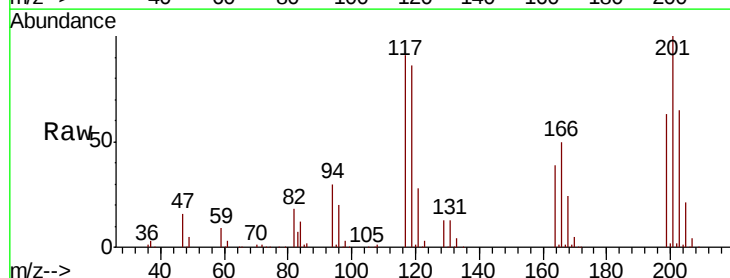
Tgt Ion:117 Resp: 200076

Ion Ratio Lower Upper

117 100

119 95.3 77.0 115.6

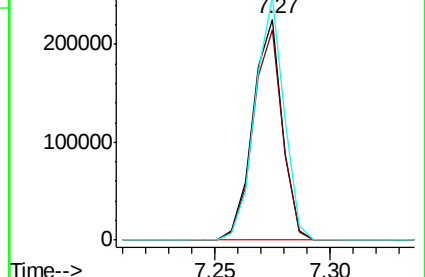
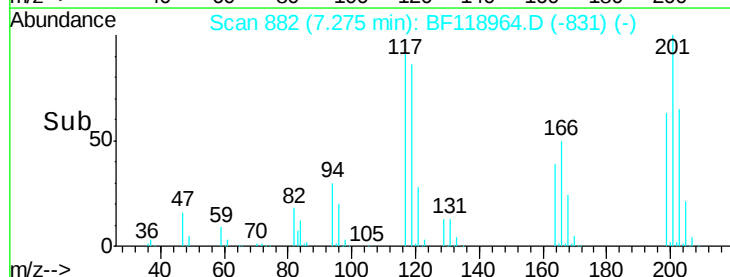
201 110.3 86.4 129.6

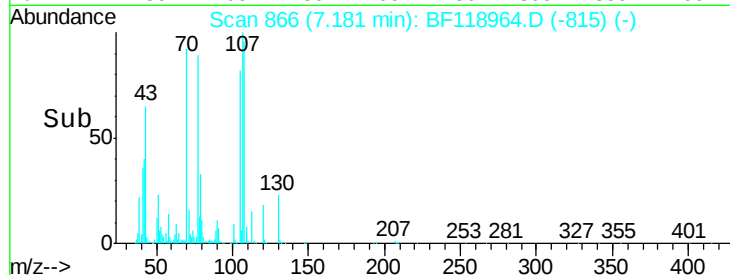
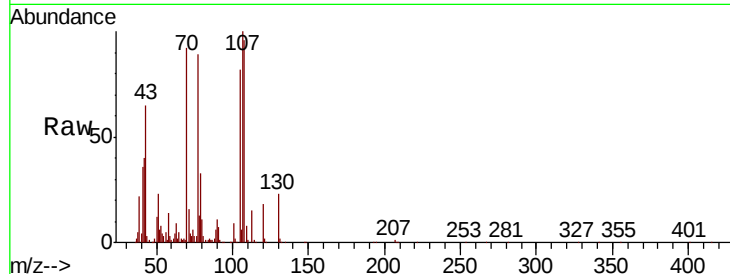
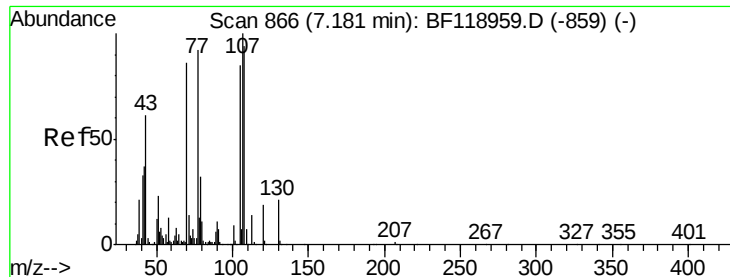


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

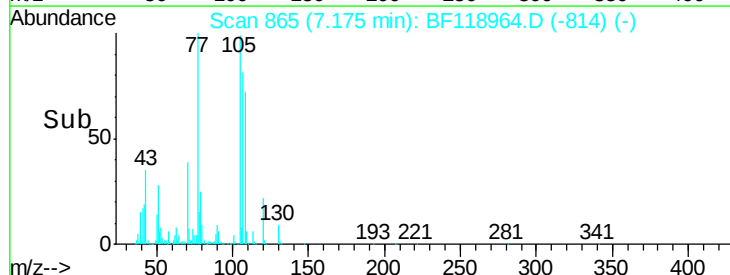
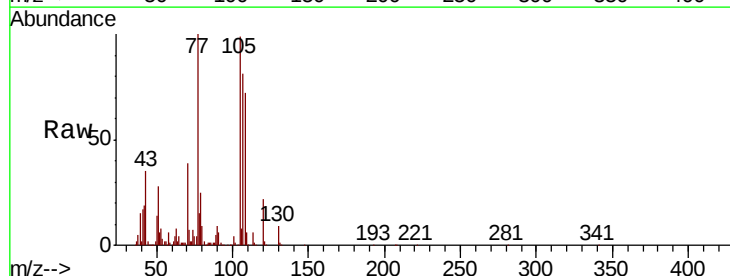
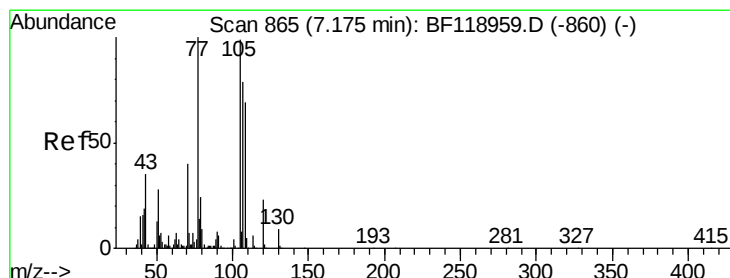
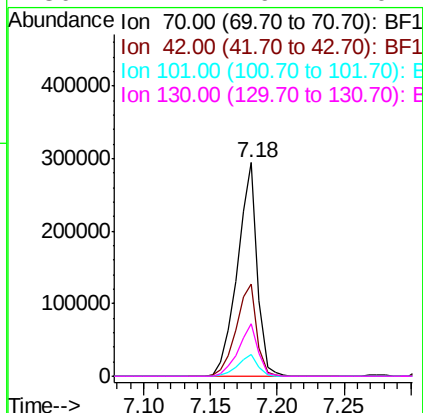




#19
n-Nitroso-di-n-propylamine
Concen: 38.453 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

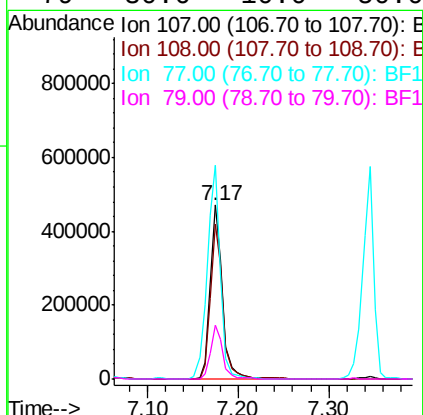
Instrument :
BNA_F
ClientSampleId :
ICVBF022020

Tot Ion:	70	Resp:	304528
Ion	Ratio	Lower	Upper
70	100		
42	43.2	34.6	51.8
101	10.3	8.1	12.1
130	24.7	19.4	29.2



#20
3+4-Methylphenols
Concen: 37.394 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion:	107	Resp:	447957
Ion	Ratio	Lower	Upper
107	100		
108	88.9	67.0	107.0
77	122.8	106.2	146.2
79	30.6	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

Tot Ion:136 Resp: 685165

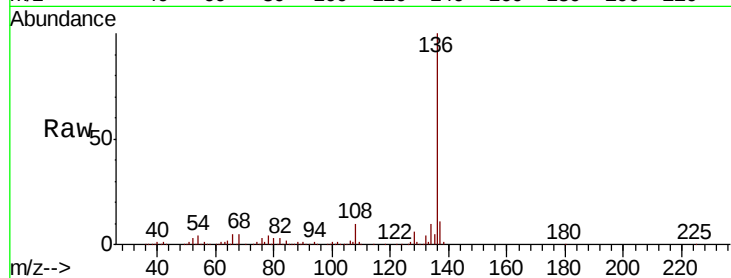
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 4.4 3.8 5.6

68 4.8 4.2 6.2

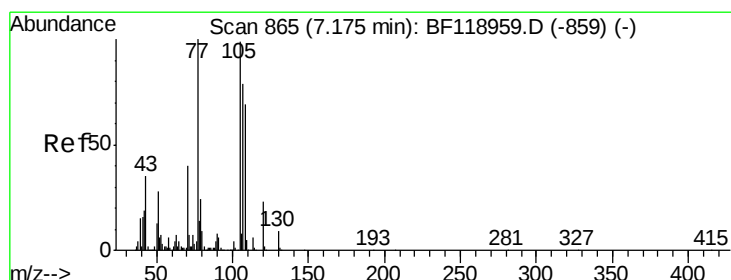
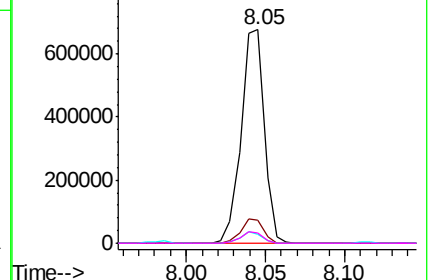
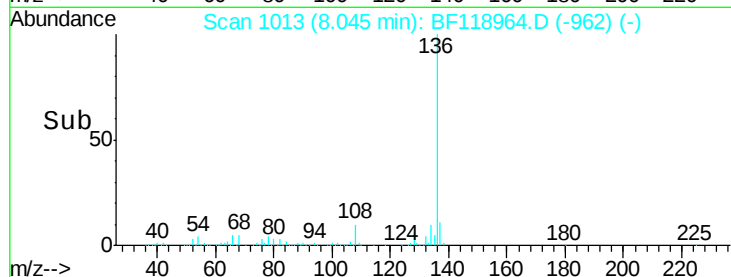


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.539 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Tgt Ion:105 Resp: 595109

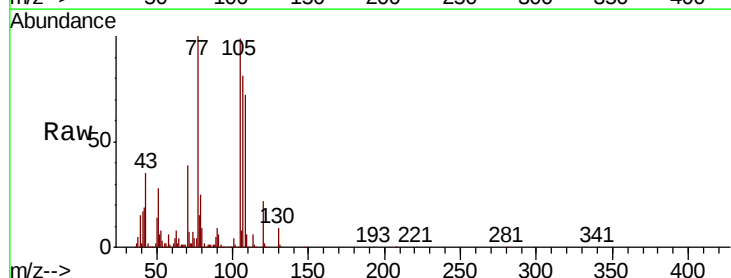
Ion Ratio Lower Upper

105 100

71 6.9 5.4 8.0

51 27.9 22.5 33.7

120 22.4 18.4 27.6

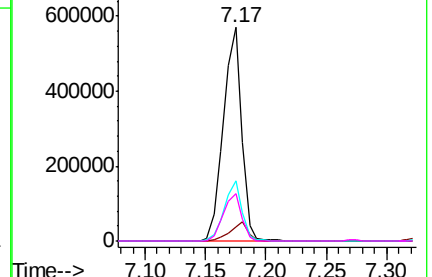
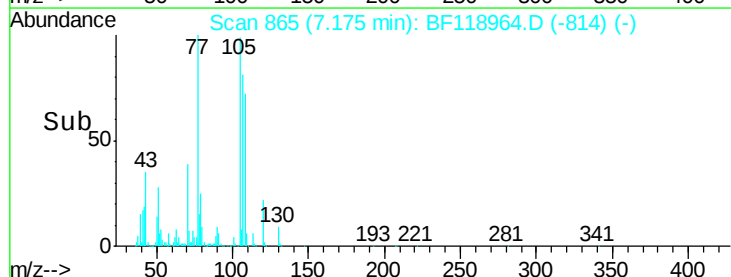


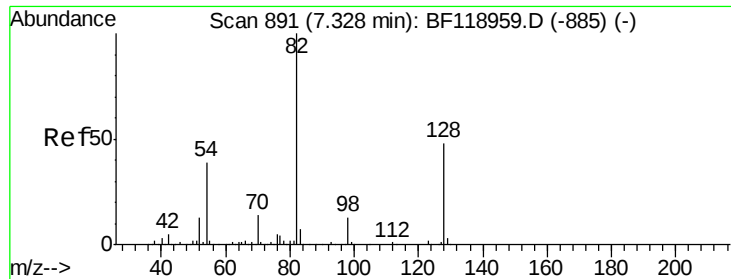
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

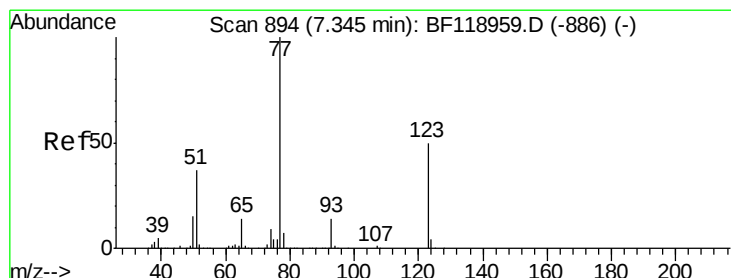
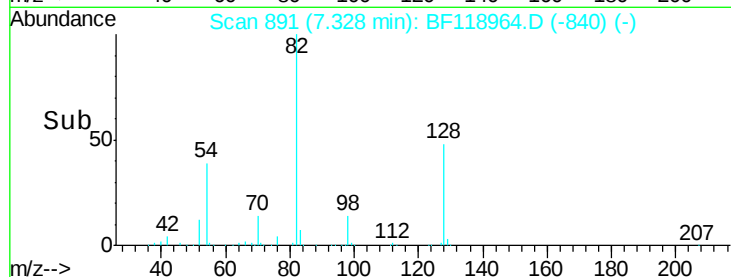
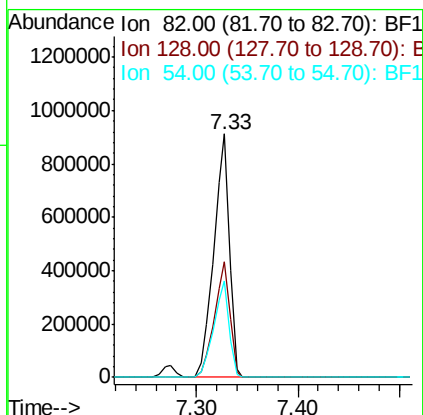
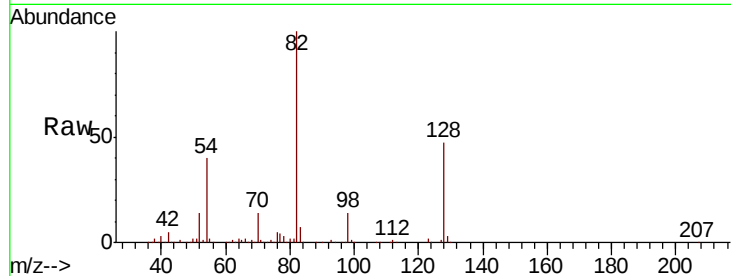




#23
 Nitrobenzene-d5
 Concen: 75.264 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

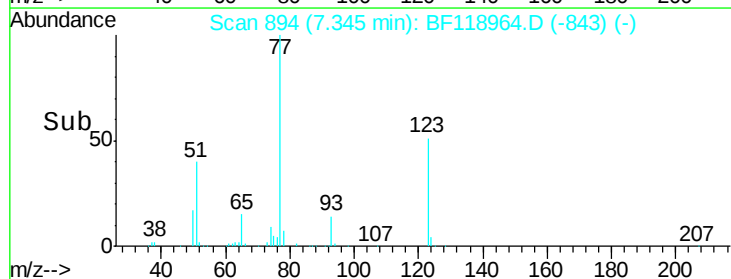
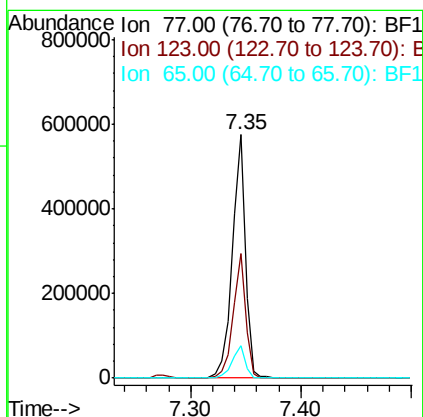
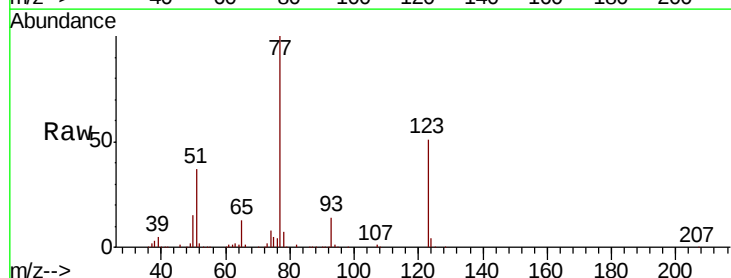
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022020

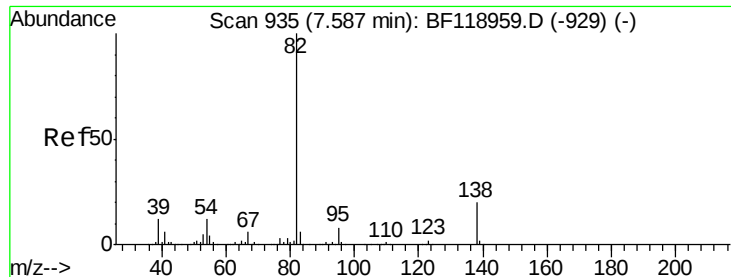
Tot Ion	82	Resp	976673
Ion Ratio	Lower	Upper	
82	100		
128	47.5	38.2	57.2
54	39.5	31.3	46.9



#24
 Nitrobenzene
 Concen: 37.513 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

Tgt Ion	77	Resp	481392
Ion Ratio	Lower	Upper	
77	100		
123	51.4	40.1	60.1
65	13.3	10.9	16.3





#25

Isophorone

Concen: 37.456 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

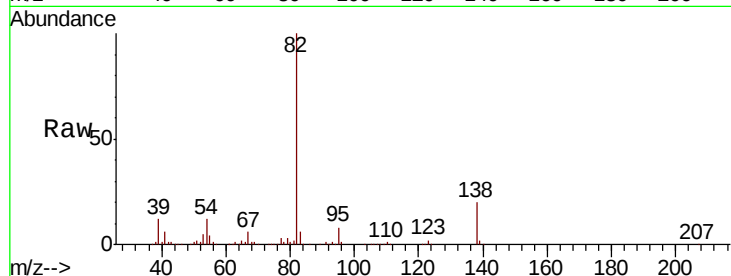
Tot Ion: 82 Resp: 844131

Ion Ratio Lower Upper

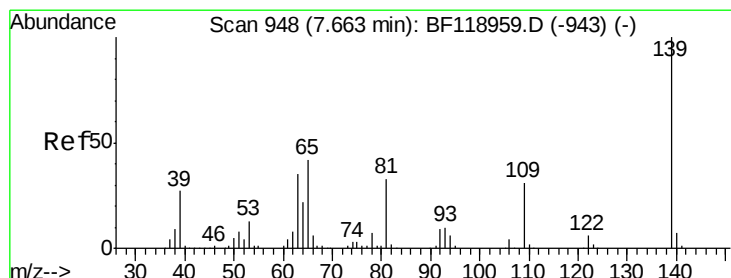
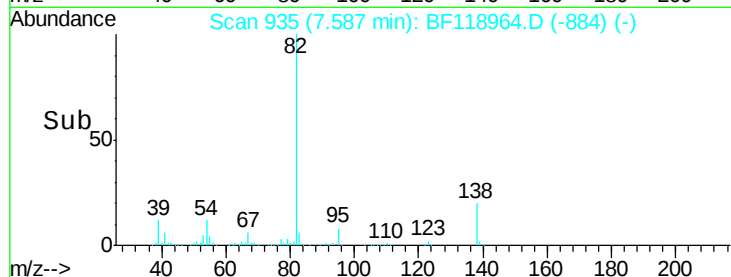
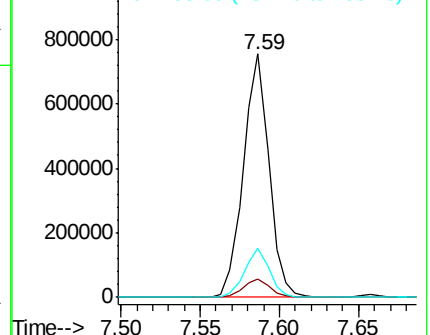
82 100

95 7.8 6.1 9.1

138 20.0 15.8 23.6



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 37.985 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

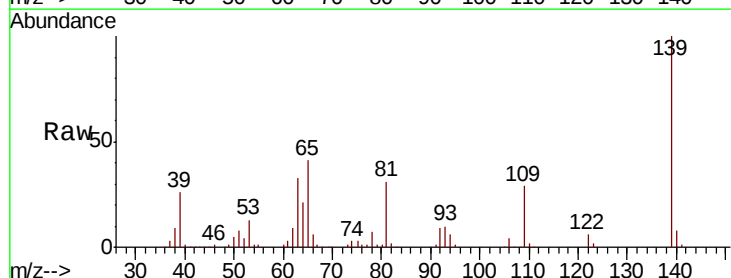
Tgt Ion: 139 Resp: 258273

Ion Ratio Lower Upper

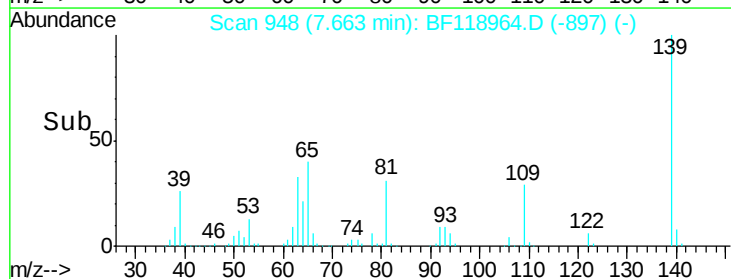
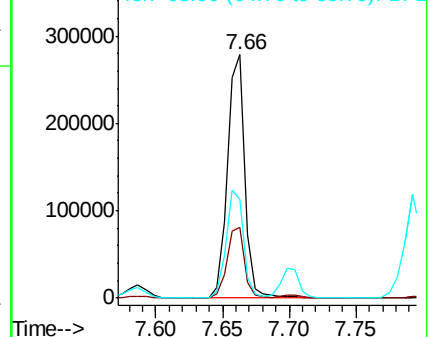
139 100

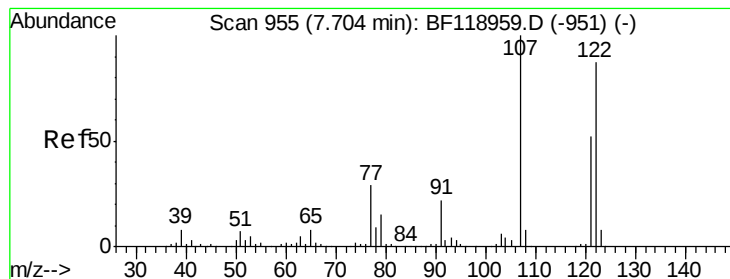
109 29.2 24.6 36.8

65 40.6 33.6 50.4



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.529 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

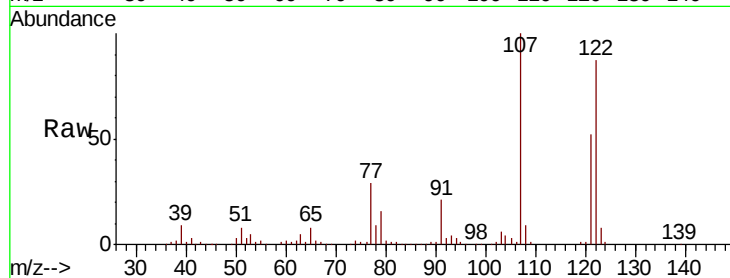
Tot Ion:122 Resp: 346317

Ion Ratio Lower Upper

122 100

107 115.3 91.8 137.8

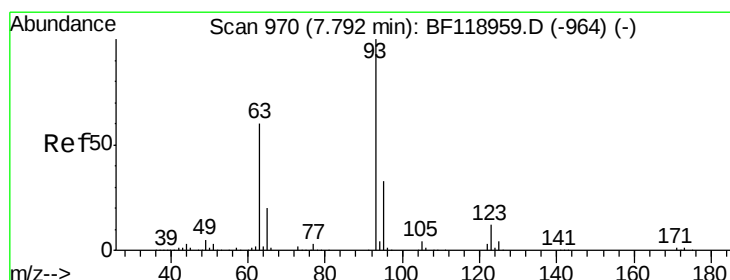
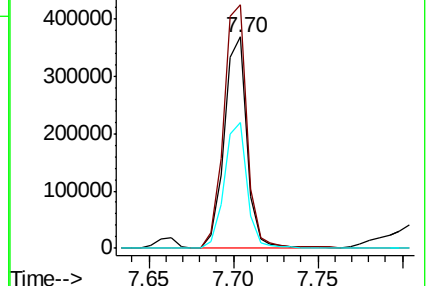
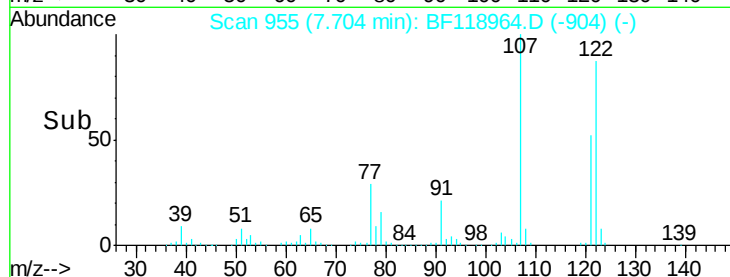
121 59.5 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.478 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

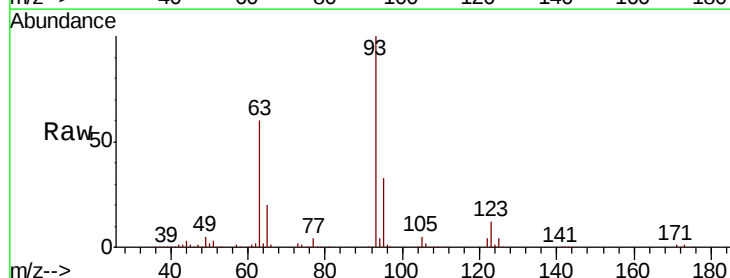
Tgt Ion: 93 Resp: 549763

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

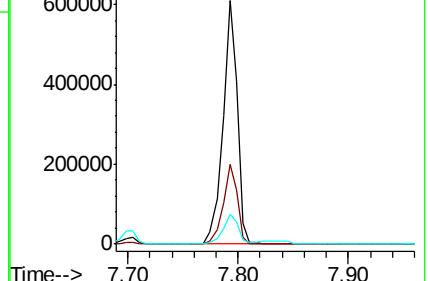
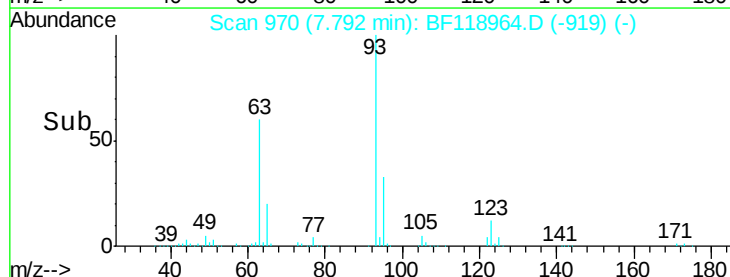
123 12.4 9.8 14.8

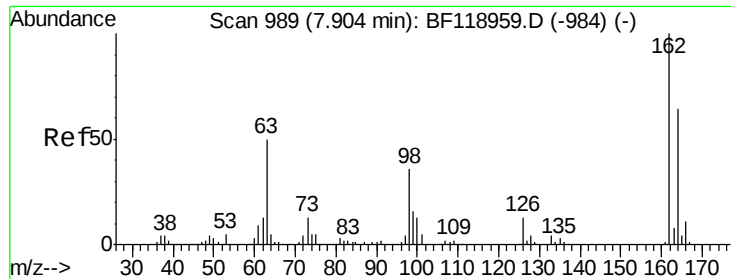


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

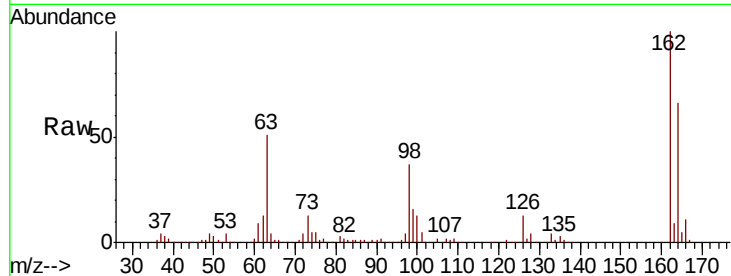




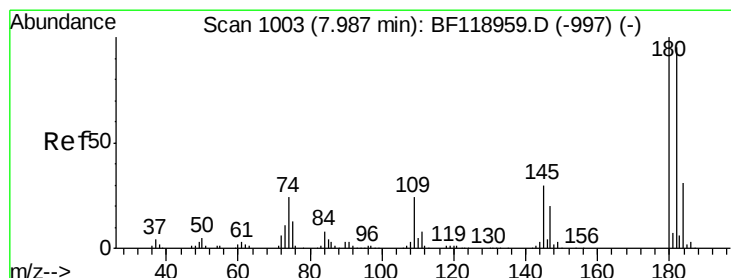
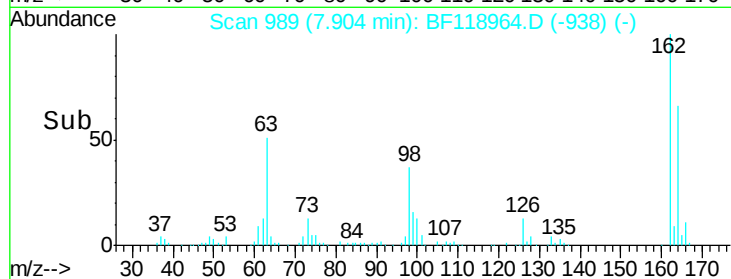
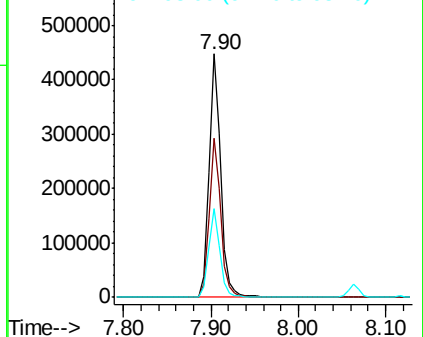
#29
 2,4-Dichlorophenol
 Concen: 38.013 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022020

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.1	84.1
98	36.6	16.4	56.4

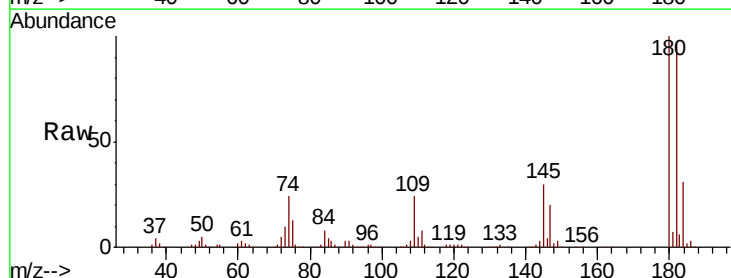


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

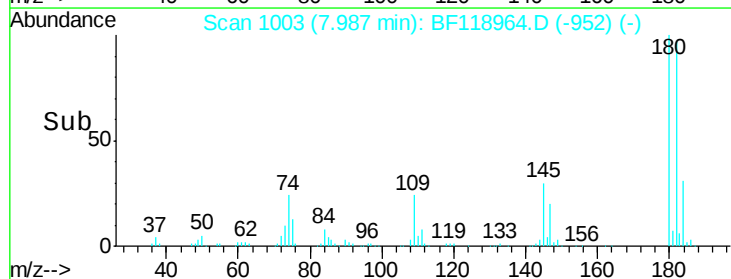
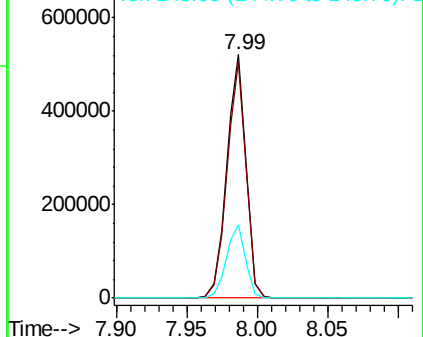


#30
 1,2,4-Trichlorobenzene
 Concen: 37.781 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	75.8	113.8
145	30.3	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.696 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

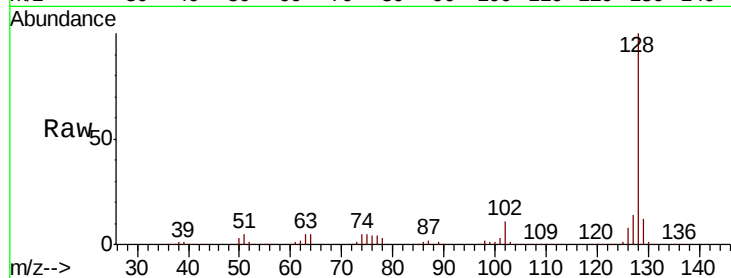
Tot Ion:128 Resp: 1339498

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.4

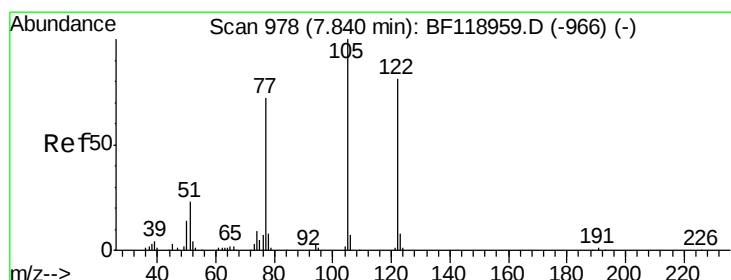
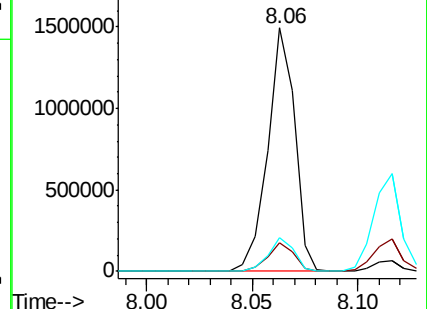
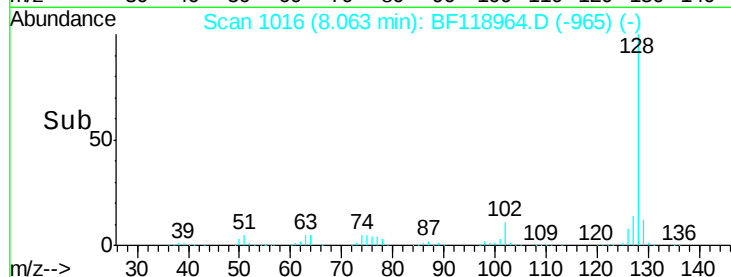
127 13.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

2000000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.491 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

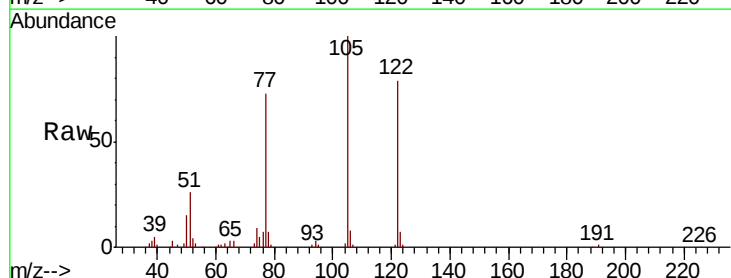
Tgt Ion:122 Resp: 248821

Ion Ratio Lower Upper

122 100

105 127.1 102.2 142.2

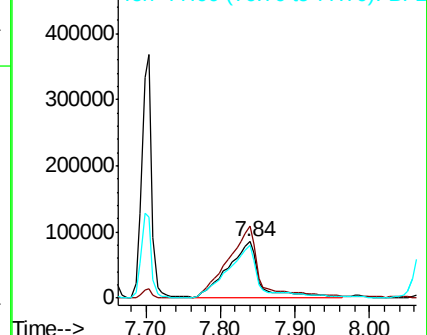
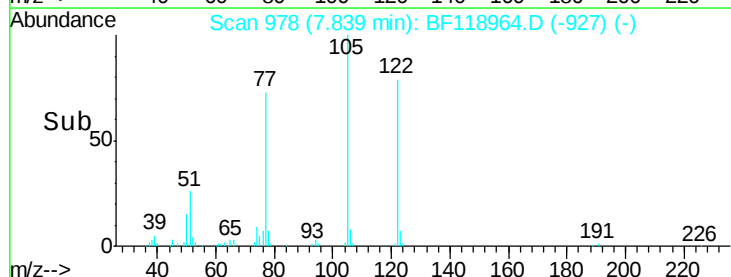
77 93.1 68.6 108.6

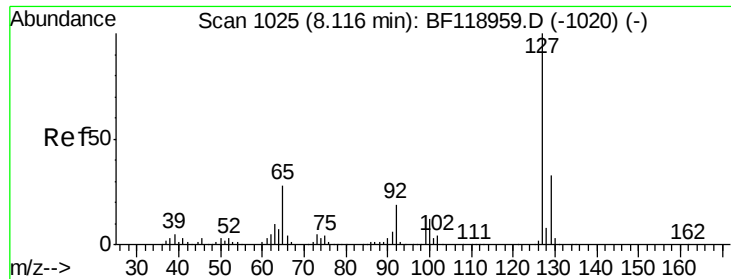


Abundance Ion 122.00 (121.70 to 122.70): E

500000 Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

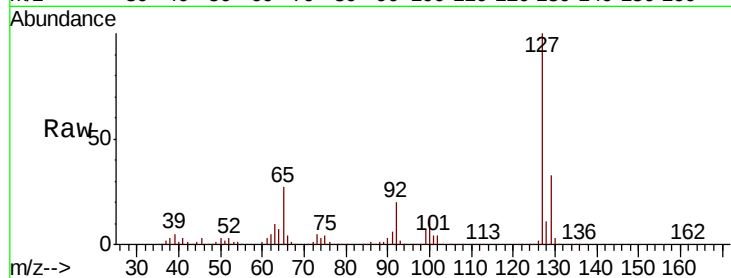




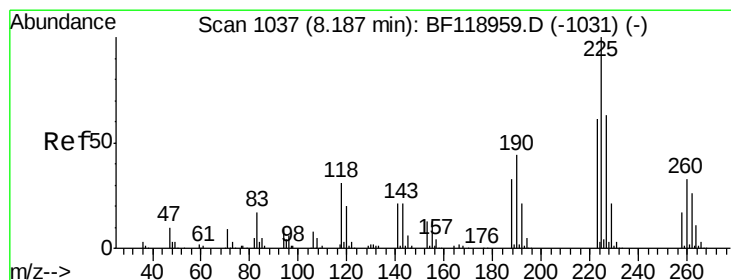
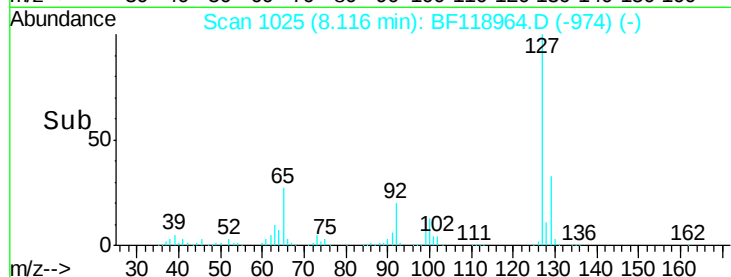
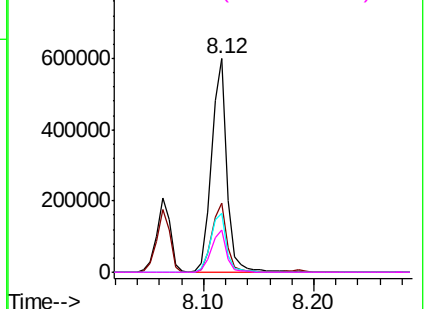
#33
4-Chloroaniline
Concen: 36.490 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF022020

Tot Ion:	127	Resp:	557684
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	27.3	22.0	33.0
92	19.6	15.5	23.3

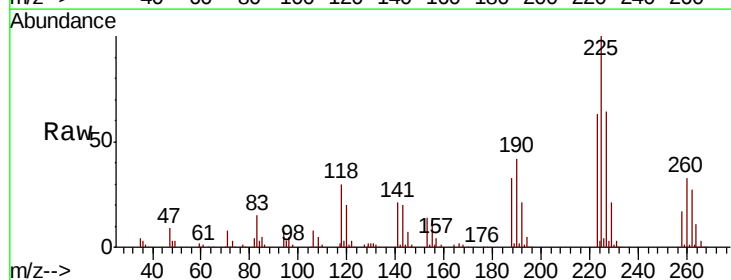


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

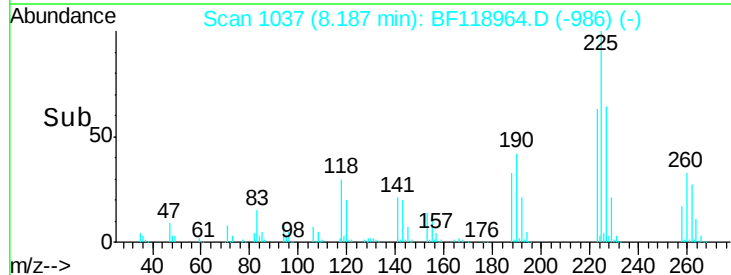
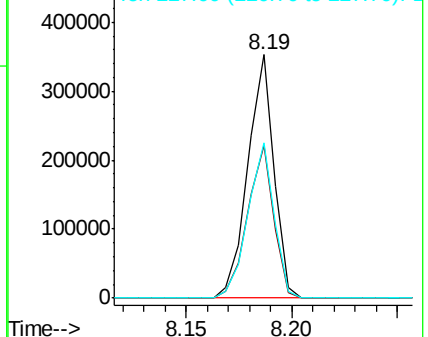


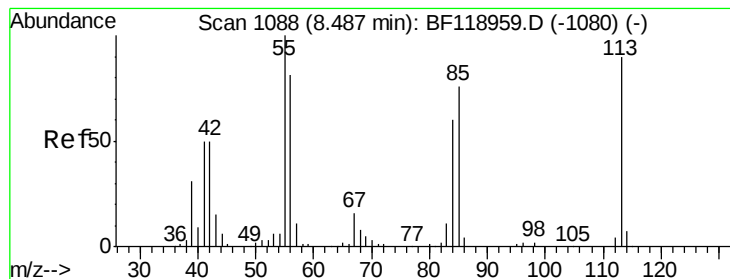
#34
Hexachlorobutadiene
Concen: 37.796 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion:	225	Resp:	303238
Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.9	73.3
227	63.9	50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.161 ng

RT: 8.49 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

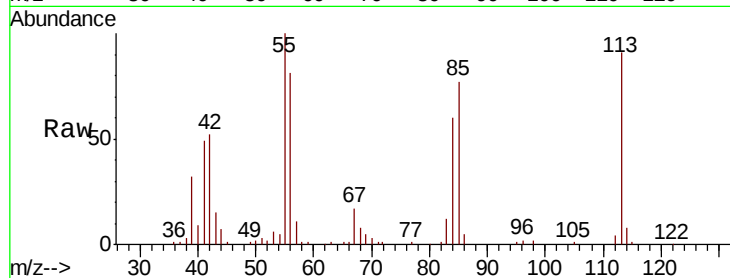
Tot Ion:113 Resp: 130993

Ion Ratio Lower Upper

113 100

55 110.3 90.8 130.8

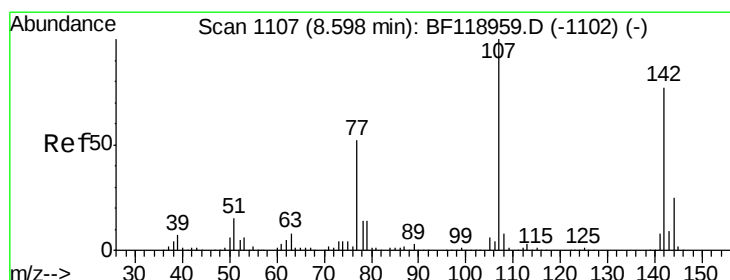
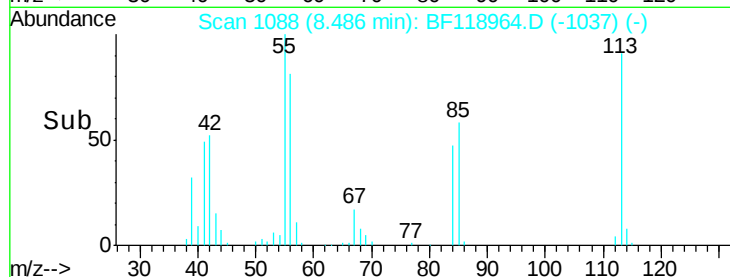
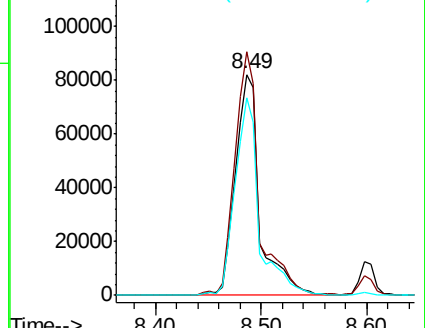
56 89.7 70.0 110.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.756 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

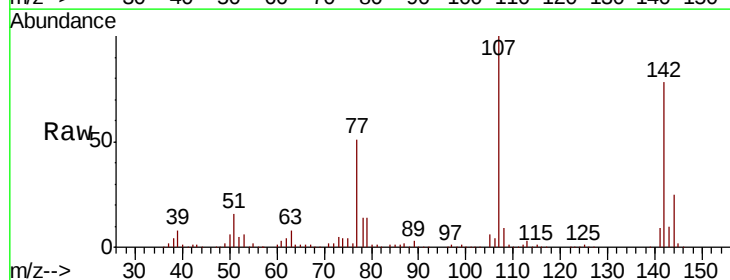
Tgt Ion:107 Resp: 415102

Ion Ratio Lower Upper

107 100

144 25.3 19.8 29.8

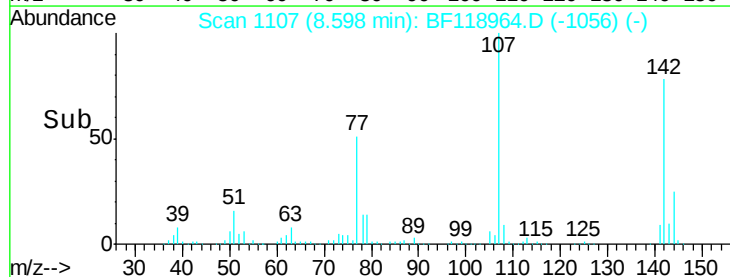
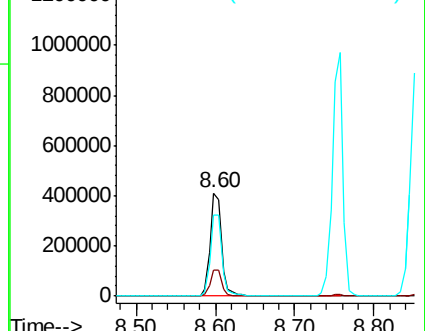
142 78.2 61.3 91.9

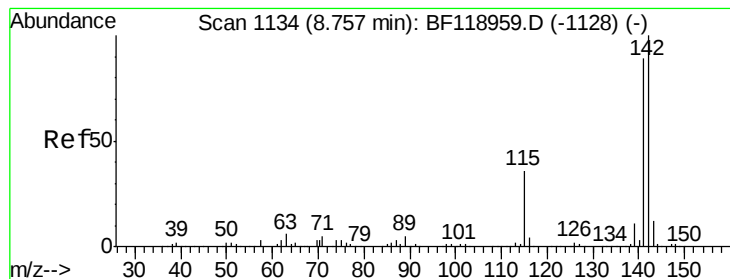


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.142 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

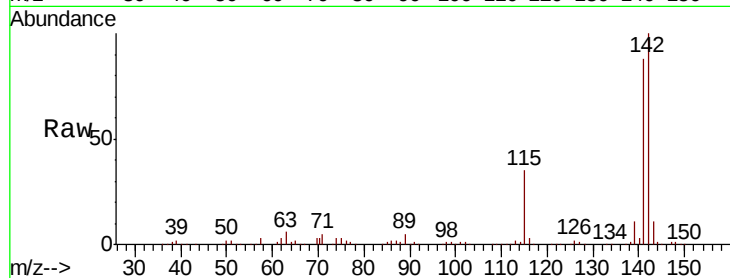
Tot Ion:142 Resp: 912091

Ion Ratio Lower Upper

142 100

141 87.7 71.0 106.4

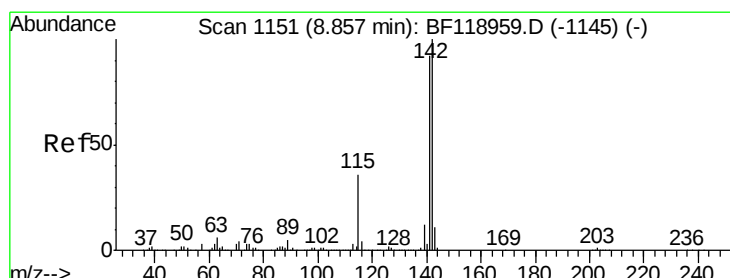
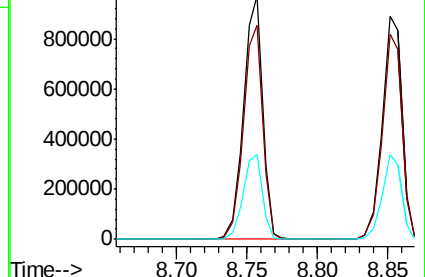
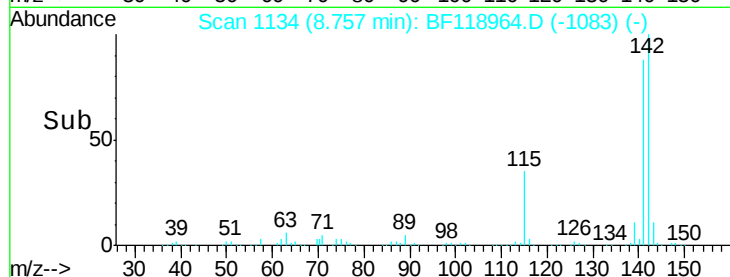
115 34.6 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.342 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

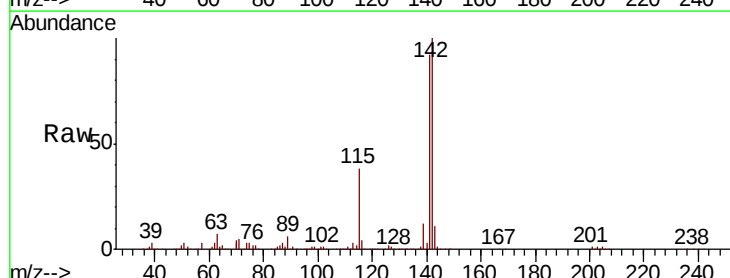
Tgt Ion:142 Resp: 862272

Ion Ratio Lower Upper

142 100

141 91.8 73.7 110.5

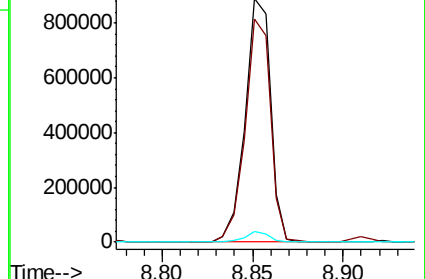
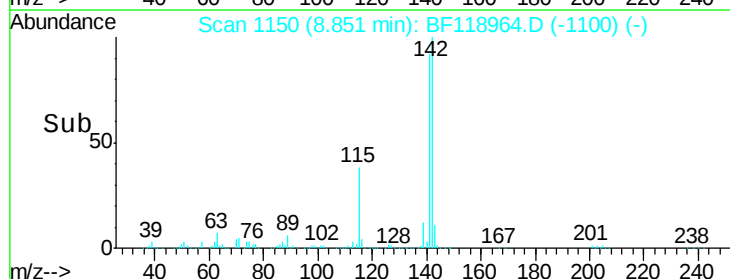
116 4.1 3.0 4.6

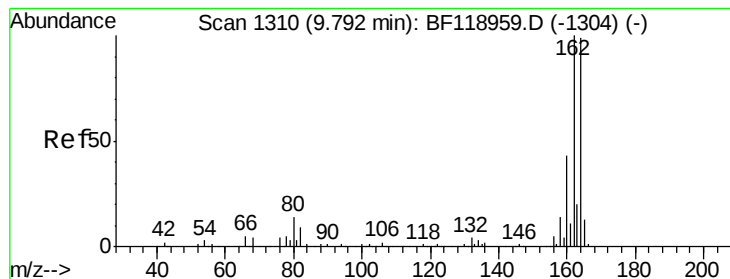


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

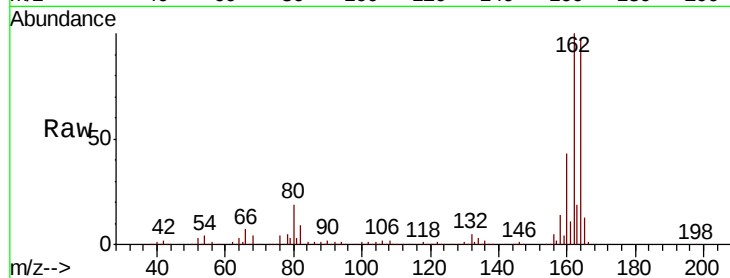
Tot Ion:164 Resp: 381403

Ion Ratio Lower Upper

164 100

162 102.7 81.2 121.8

160 44.0 35.2 52.8

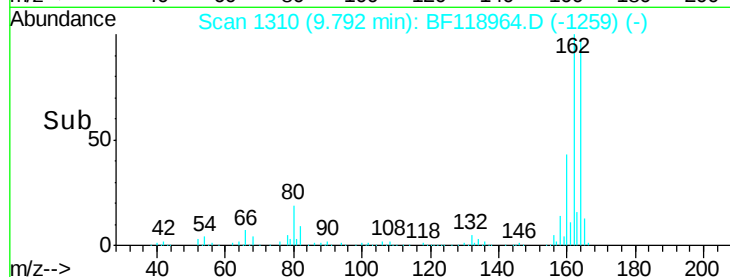


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



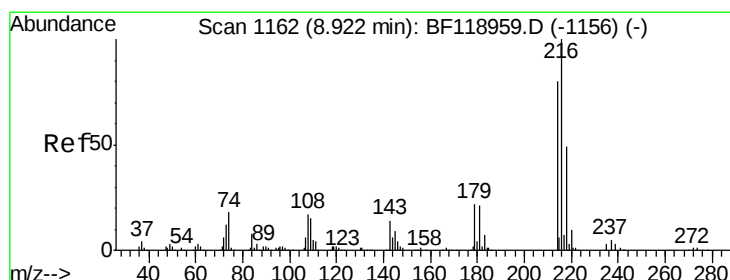
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.299 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Tgt Ion:216 Resp: 479639

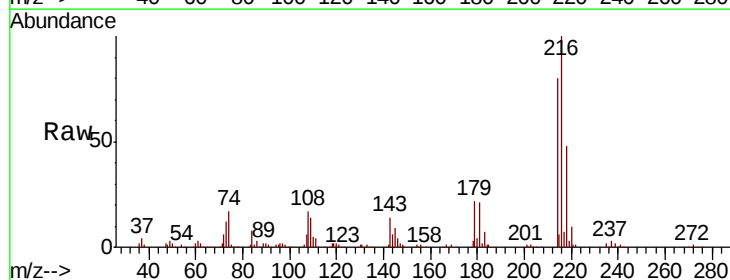
Ion Ratio Lower Upper

216 100

214 79.0 63.1 94.7

179 21.5 17.2 25.8

108 16.3 13.4 20.0



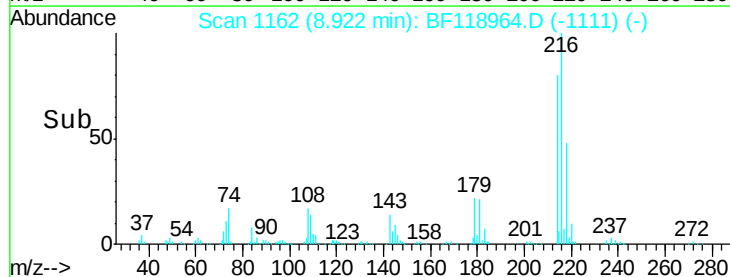
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->



Abundance

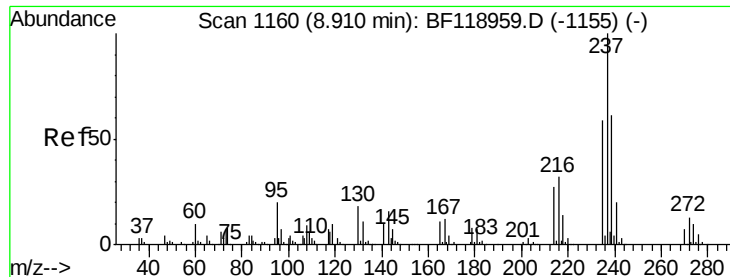
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->



#41

Hexachlorocyclopentadiene

Concen: 35.859 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

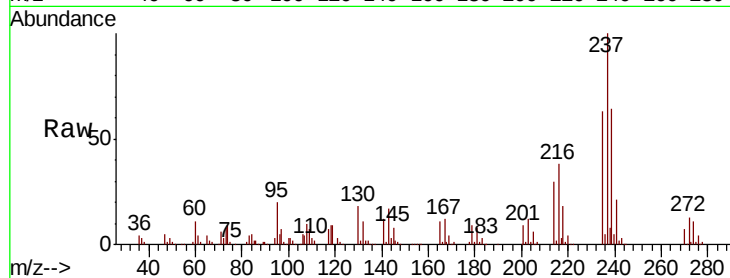
Tot Ion:237 Resp: 140357

Ion Ratio Lower Upper

237 100

235 62.7 39.4 79.4

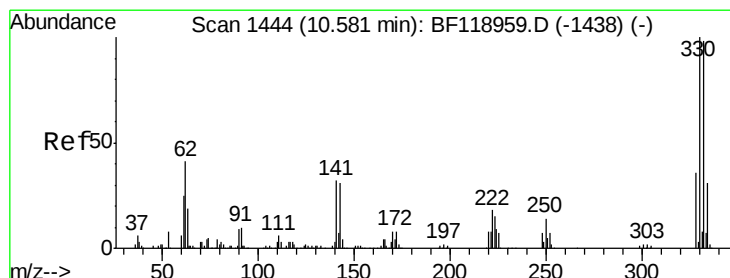
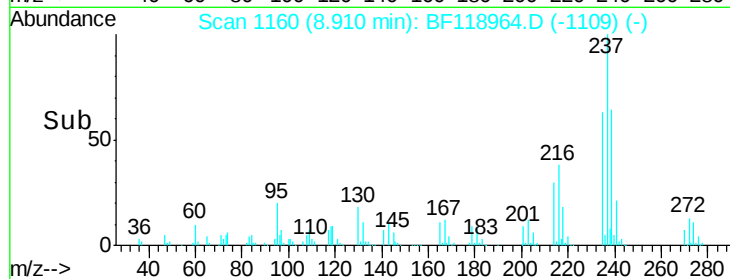
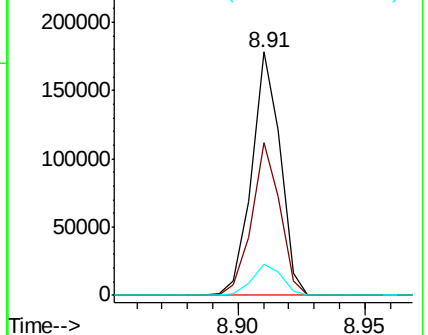
272 13.0 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 75.028 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

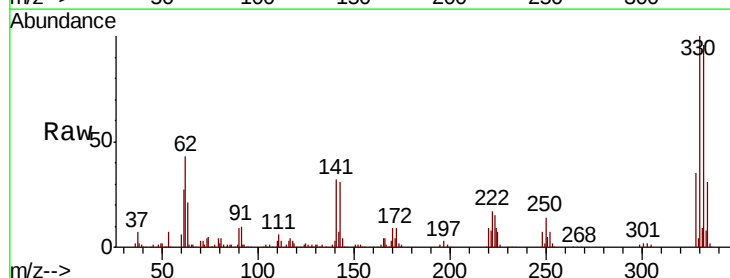
Tgt Ion:330 Resp: 374342

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

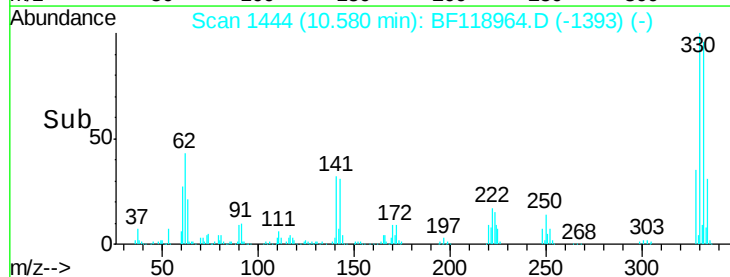
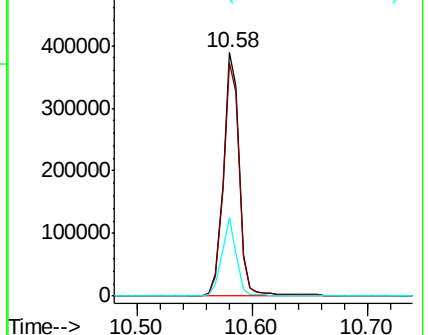
141 29.3 23.0 34.6

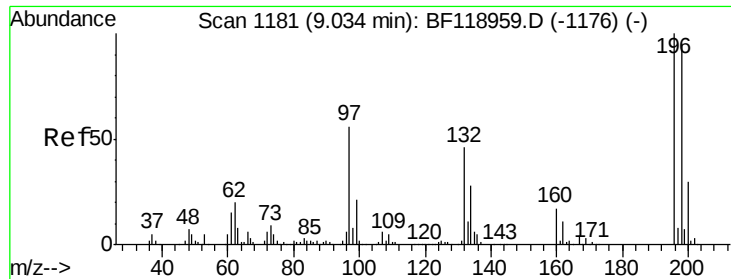


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

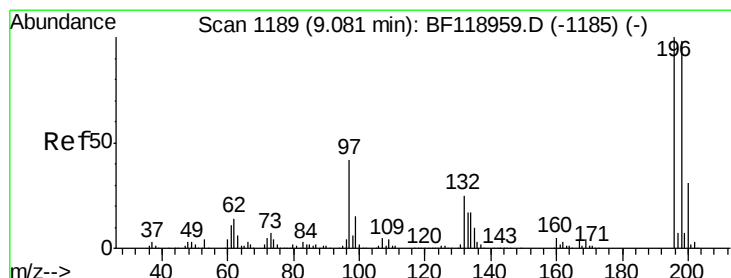
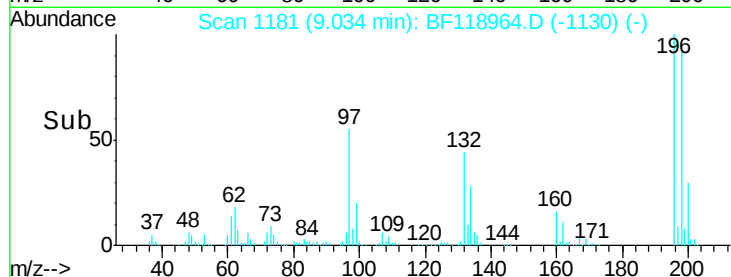
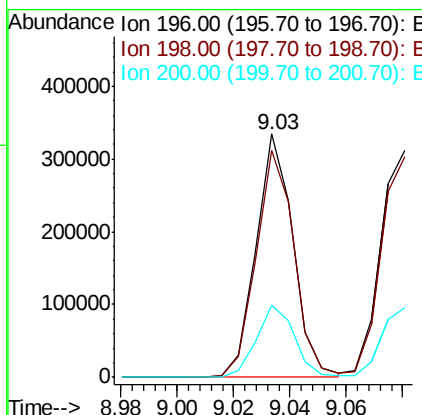
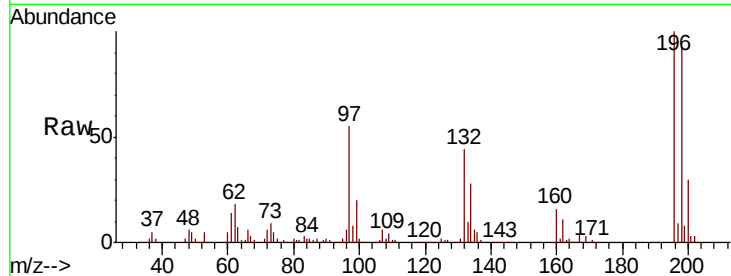




#43
 2,4,6-Trichlorophenol
 Concen: 37.407 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

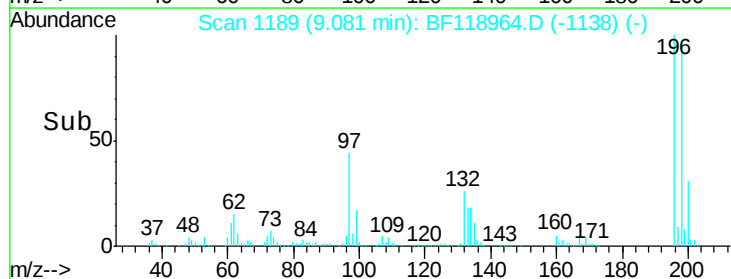
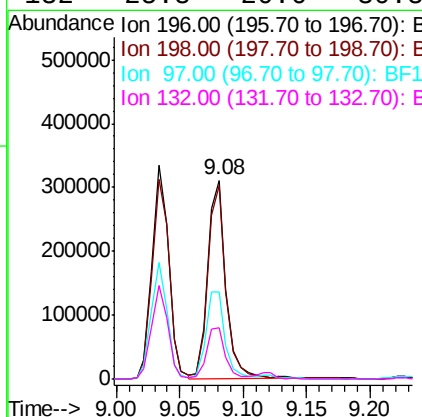
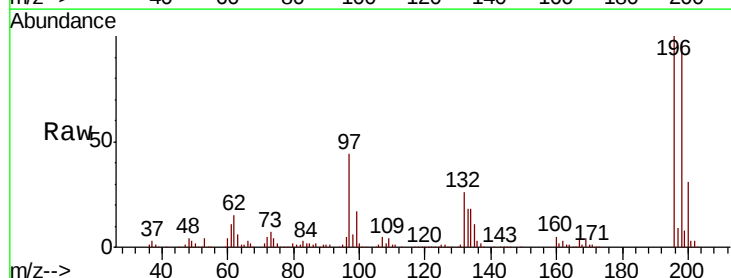
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022020

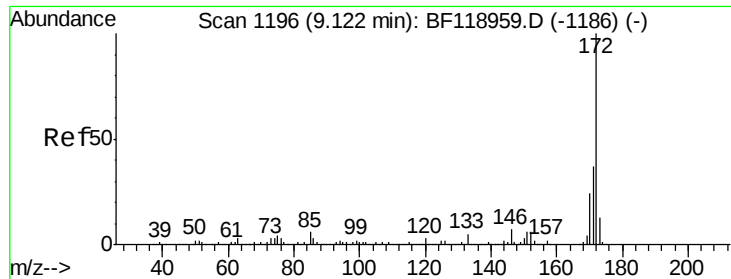
Tot Ion:196 Resp: 303766
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.8 113.6
 200 29.6 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 37.048 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

Tgt Ion:196 Resp: 315704
 Ion Ratio Lower Upper
 196 100
 198 97.1 78.4 117.6
 97 43.6 33.4 50.0
 132 25.8 20.6 30.8

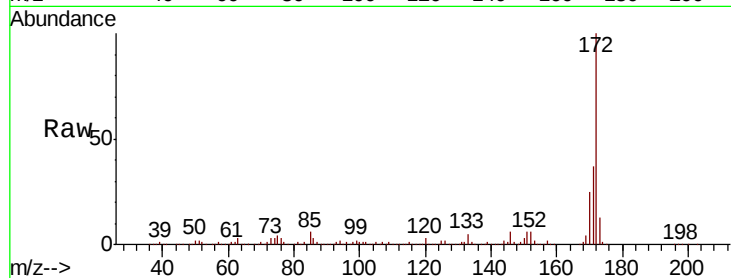




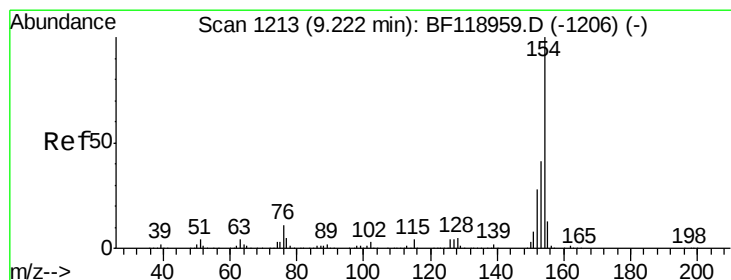
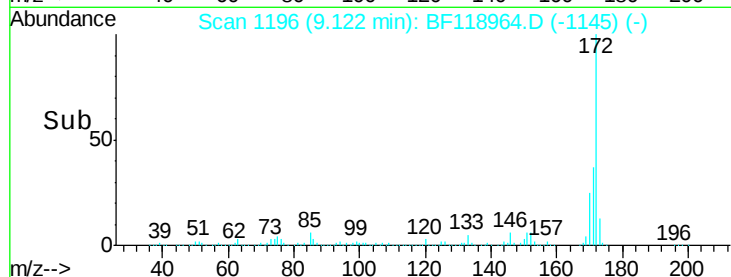
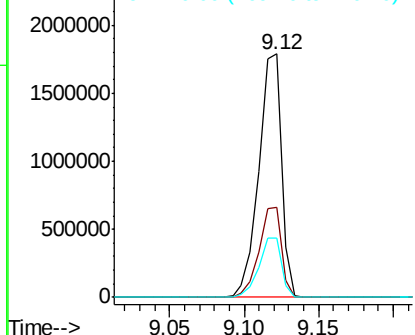
#45
2-Fluorobiphenyl
Concen: 72.296 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF022020

Tot Ion:172 Resp: 1871729
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.2
170 24.6 19.6 29.4

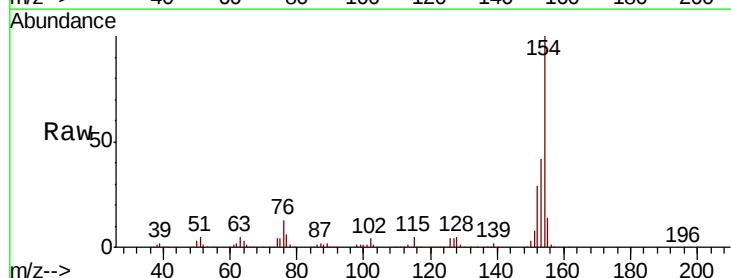


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

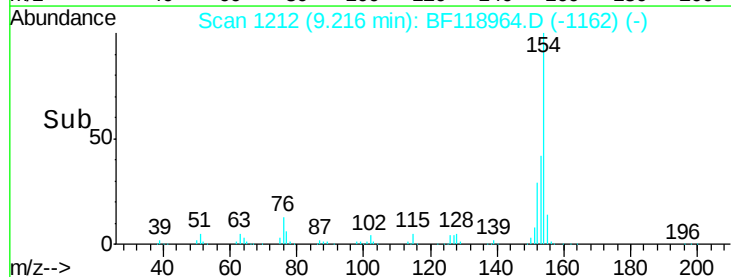
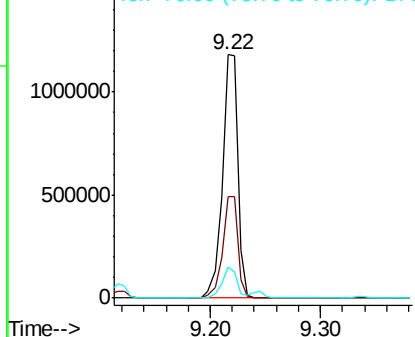


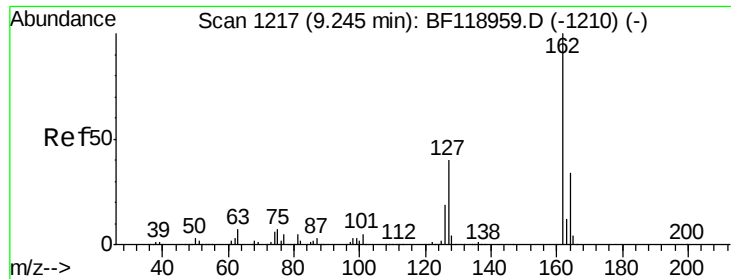
#46
1,1'-Biphenyl
Concen: 37.349 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion:154 Resp: 1151274
Ion Ratio Lower Upper
154 100
153 41.8 21.2 61.2
76 12.8 0.0 31.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

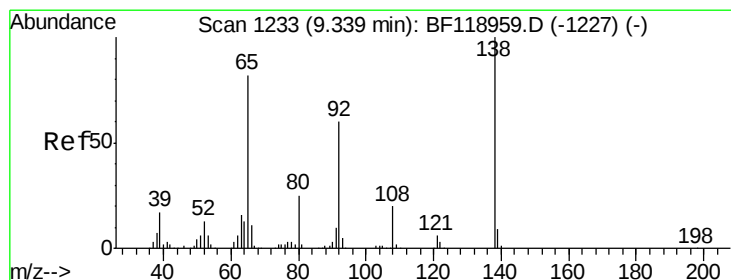
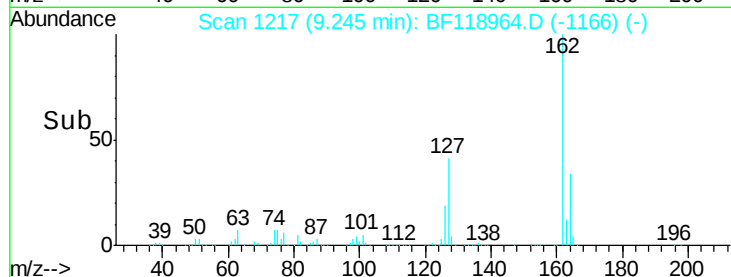
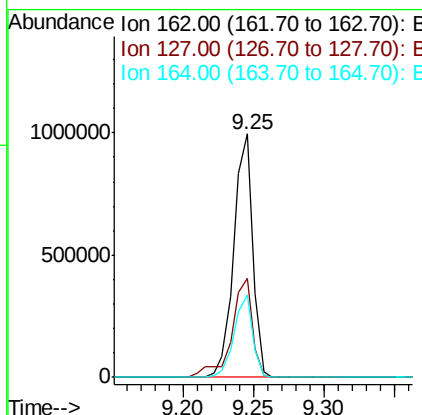
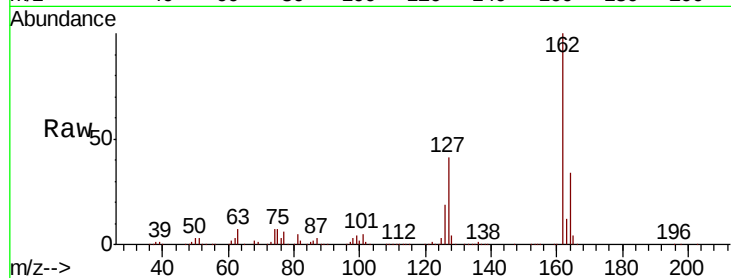




#47
 2-Chloronaphthalene
 Concen: 37.541 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

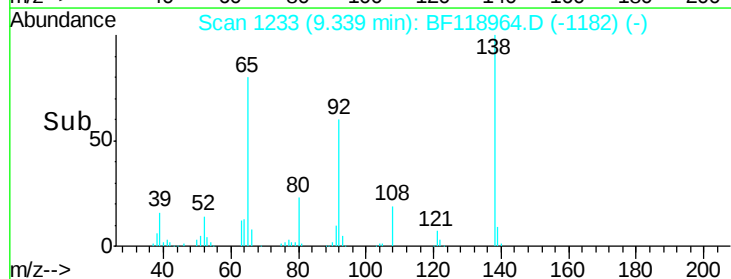
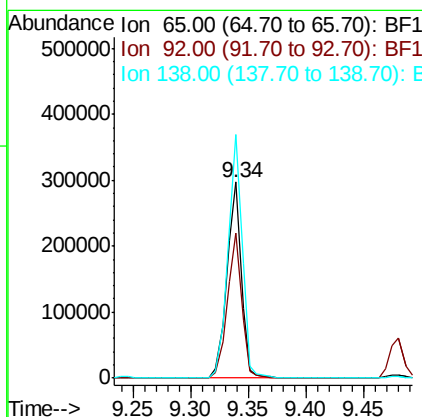
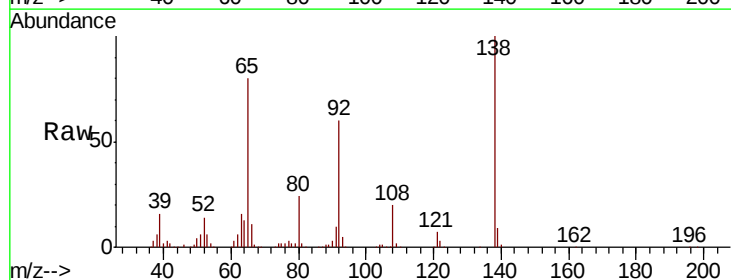
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022020

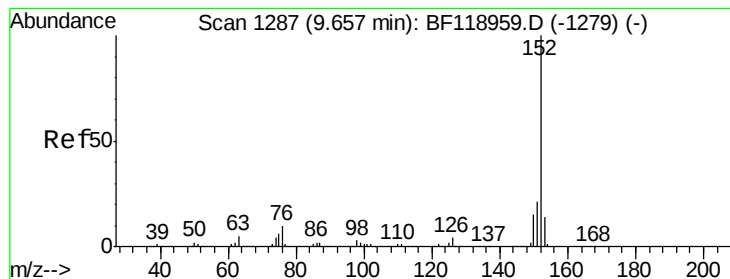
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.9	47.9
164	33.8	26.8	40.2



#48
 2-Nitroaniline
 Concen: 37.443 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	58.6	87.8
138	124.4	97.5	146.3





#49

Acenaphthylene

Concen: 37.557 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

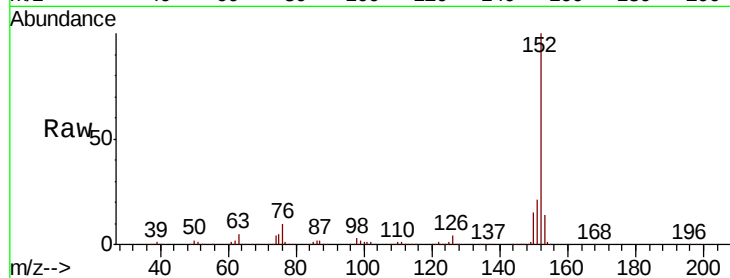
Tot Ion:152 Resp: 1347446

Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

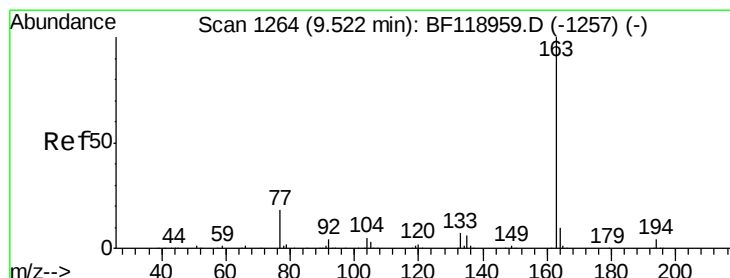
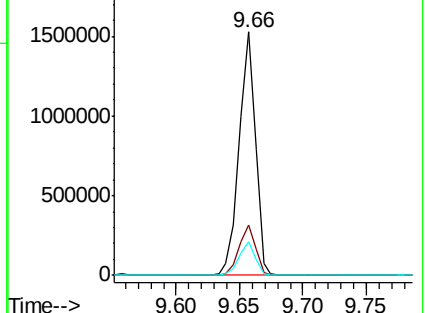
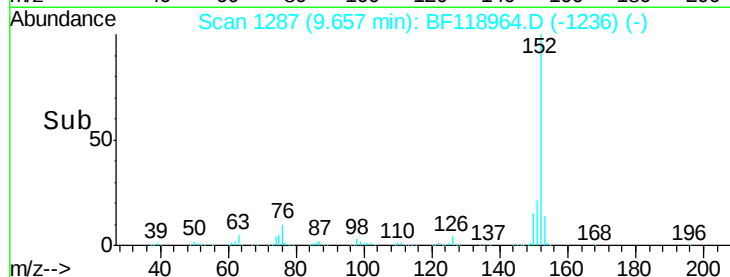
153 13.7 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.552 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

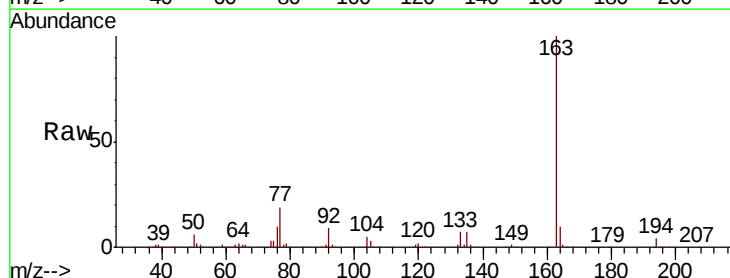
Tgt Ion:163 Resp: 1095203

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

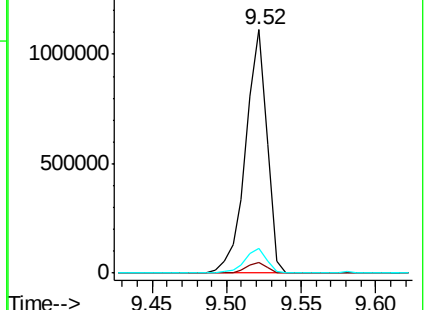
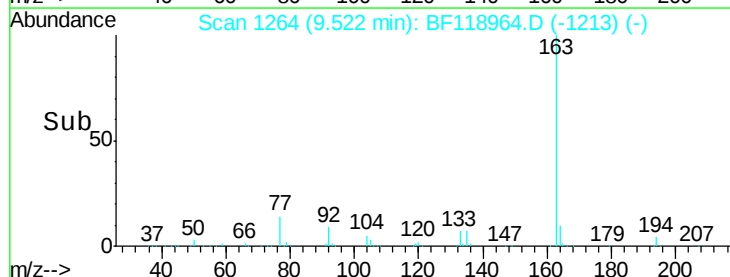
164 10.3 8.2 12.2

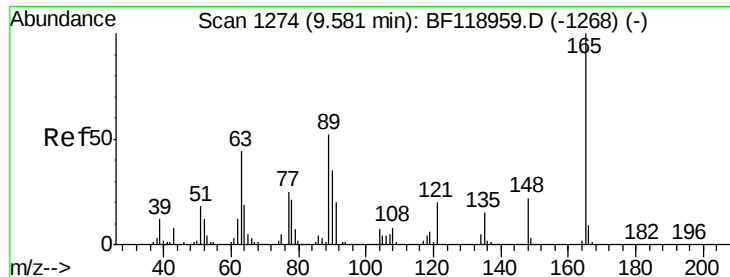


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.867 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

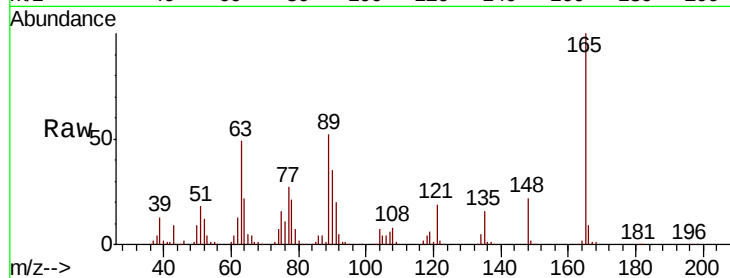
Tot Ion:165 Resp: 245365

Ion Ratio Lower Upper

165 100

63 48.8 37.9 56.9

89 52.1 41.4 62.0

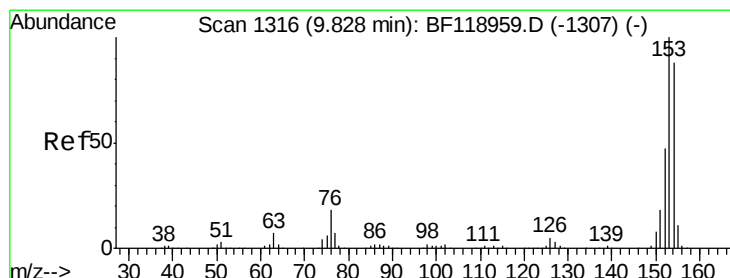
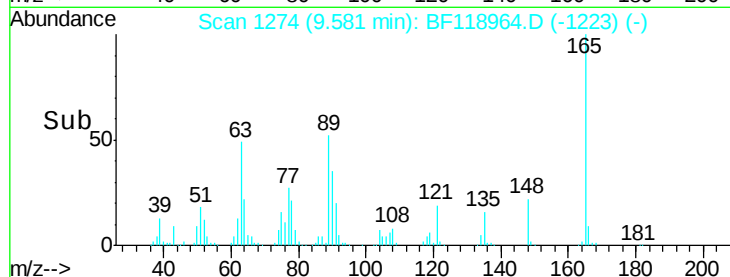


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time--> 9.50 9.55 9.60 9.65



#52

Acenaphthene

Concen: 37.923 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

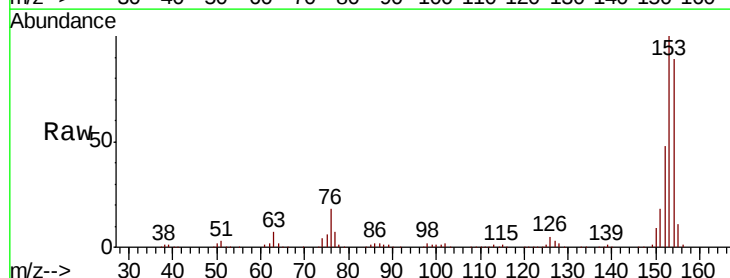
Tgt Ion:154 Resp: 820394

Ion Ratio Lower Upper

154 100

153 112.6 90.4 135.6

152 53.7 42.9 64.3

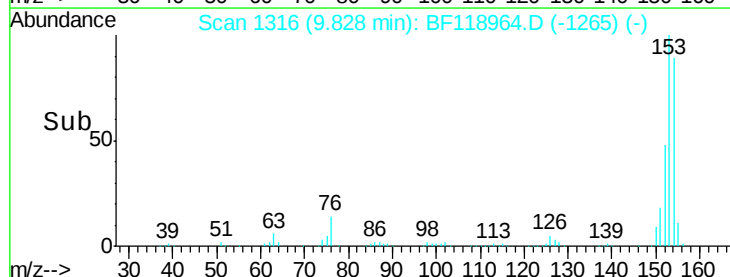


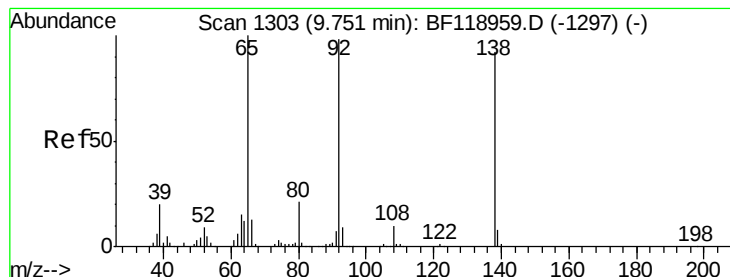
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time--> 9.75 9.80 9.85





#53

3-Nitroaniline

Concen: 37.302 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

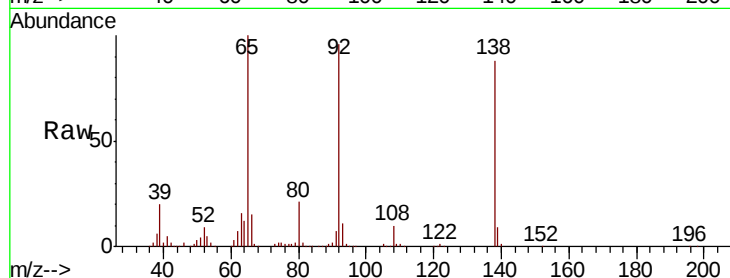
Tot Ion:138 Resp: 267954

Ion Ratio Lower Upper

138 100

108 11.2 8.6 13.0

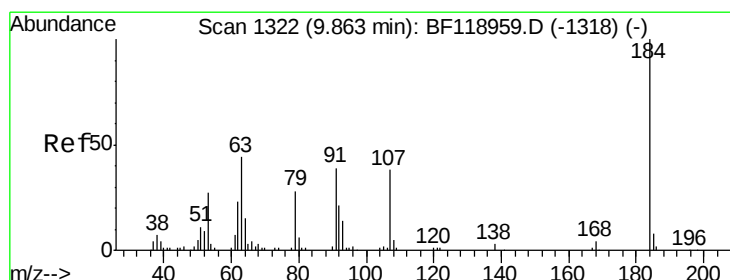
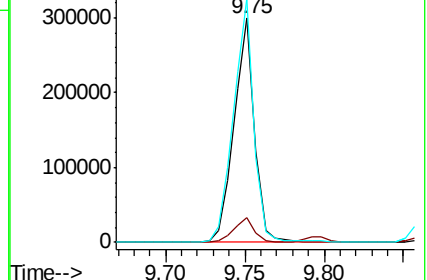
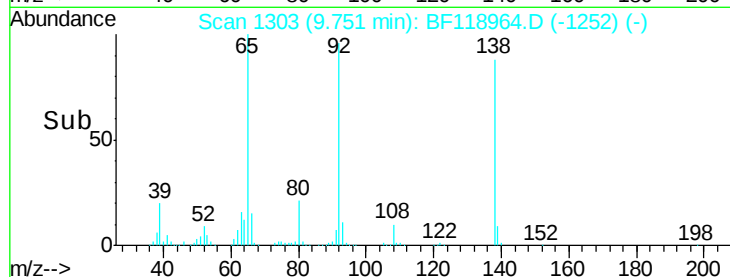
92 108.7 84.6 127.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 36.674 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

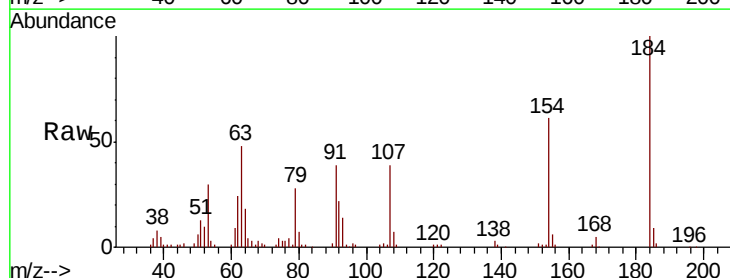
Tgt Ion:184 Resp: 101432

Ion Ratio Lower Upper

184 100

63 48.3 37.8 56.6

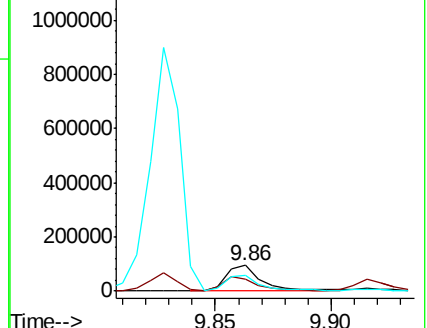
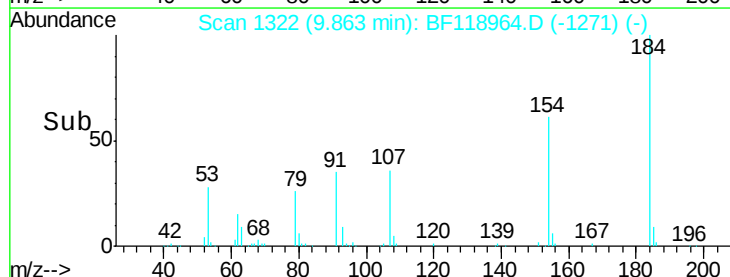
154 61.0 47.6 71.4

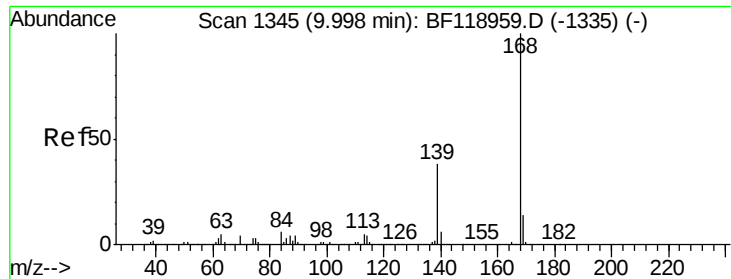


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.160 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

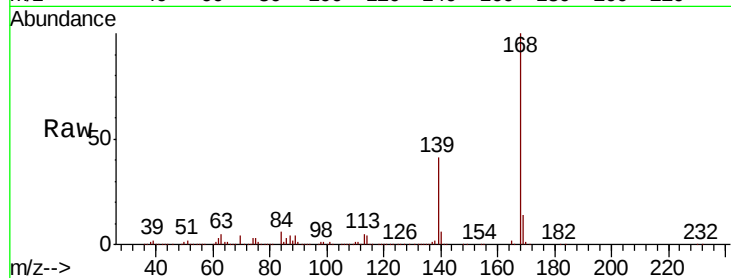
Tot Ion:168 Resp: 1232158

Ion Ratio Lower Upper

168 100

139 40.5 31.7 47.5

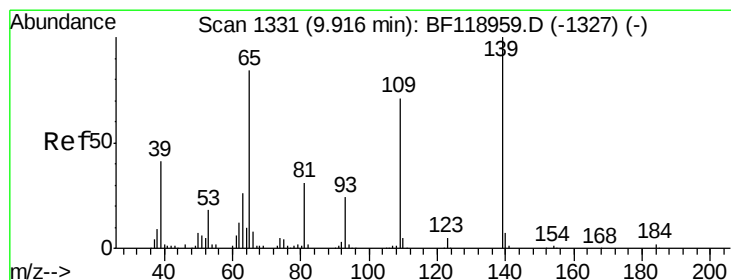
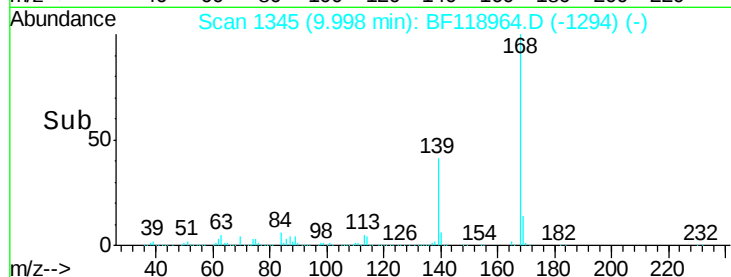
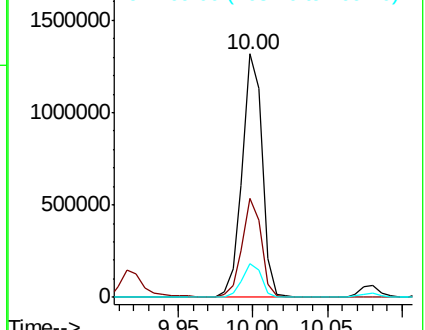
169 13.7 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 37.642 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

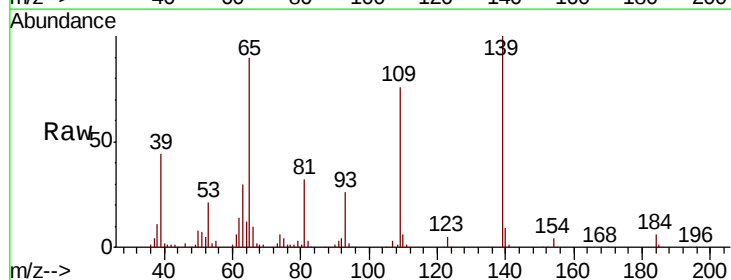
Tgt Ion:139 Resp: 162461

Ion Ratio Lower Upper

139 100

109 75.7 51.1 91.1

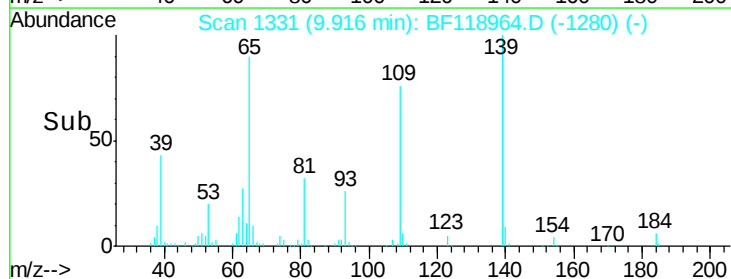
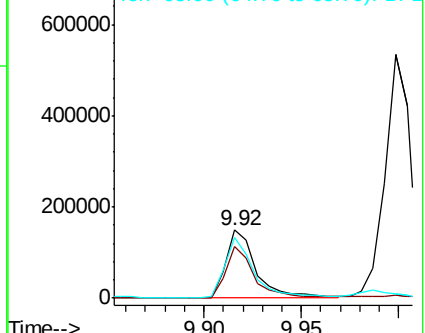
65 90.5 64.7 104.7

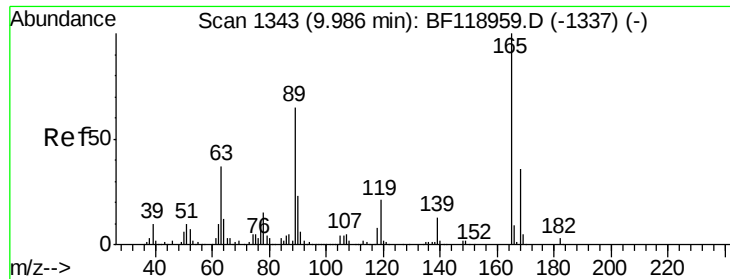


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

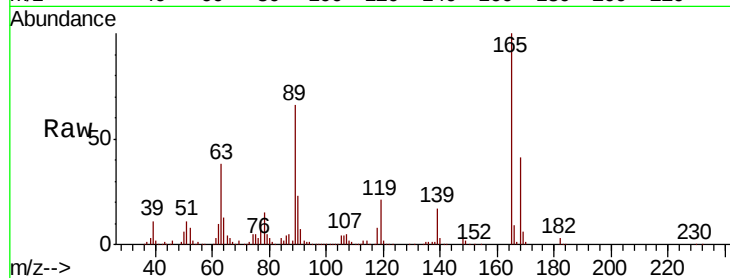




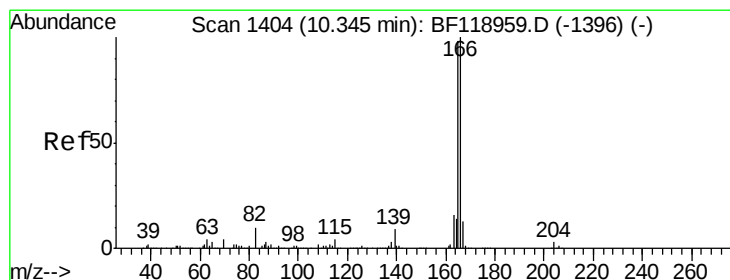
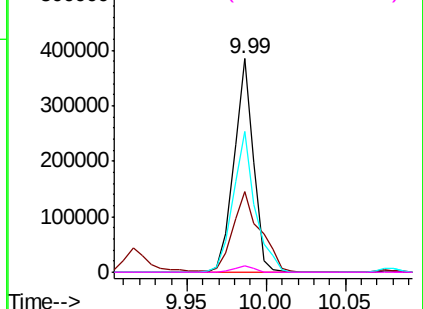
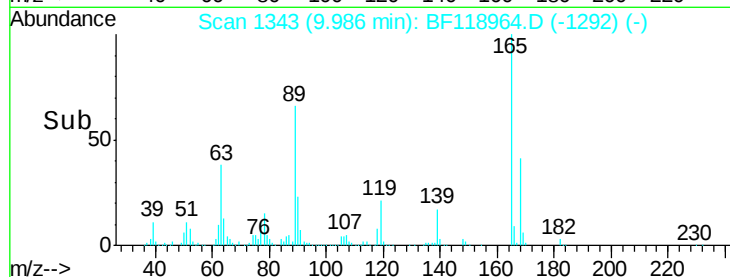
#57
 2,4-Dinitrotoluene
 Concen: 38.829 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022020

Tot Ion:165	Resp:	326115
Ion Ratio	Lower	Upper
165	100	
63	37.7	29.8 44.8
89	65.7	51.9 77.9
182	3.0	2.3 3.5

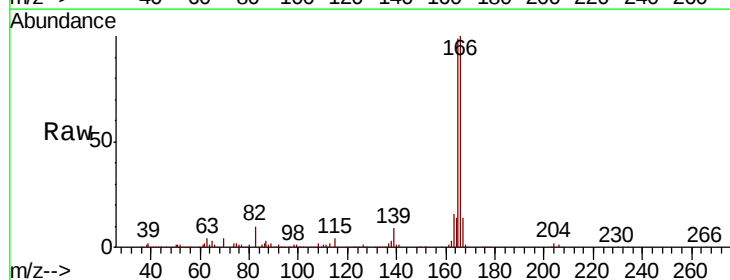


Abundance Ion 165.00 (164.70 to 165.70): E
 600000 Ion 63.00 (62.70 to 63.70): BF1
 500000 Ion 89.00 (88.70 to 89.70): BF1
 400000 Ion 182.00 (181.70 to 182.70): E

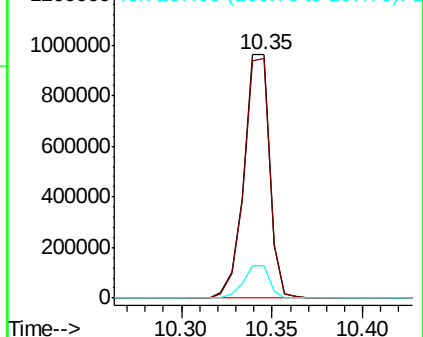
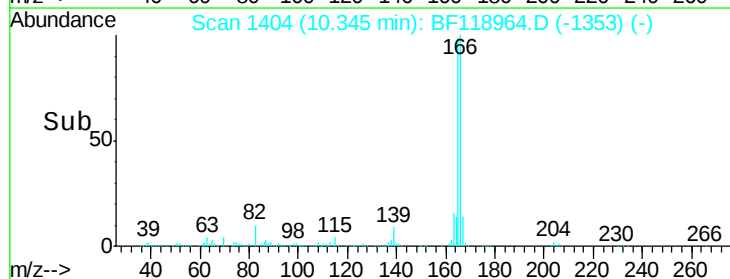


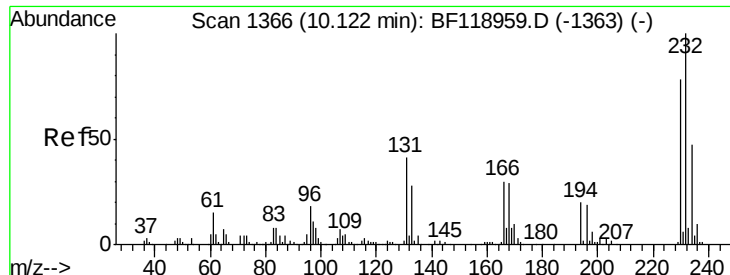
#58
 Fluorene
 Concen: 37.618 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

Tgt Ion:166	Resp:	943857
Ion Ratio	Lower	Upper
166	100	
165	98.6	78.2 117.4
167	13.5	10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
 1200000 Ion 165.00 (164.70 to 165.70): E
 1000000 Ion 167.00 (166.70 to 167.70): E

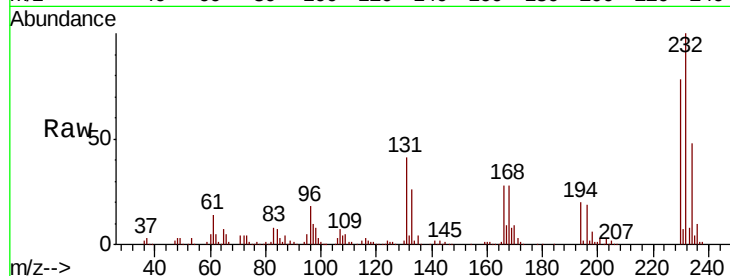




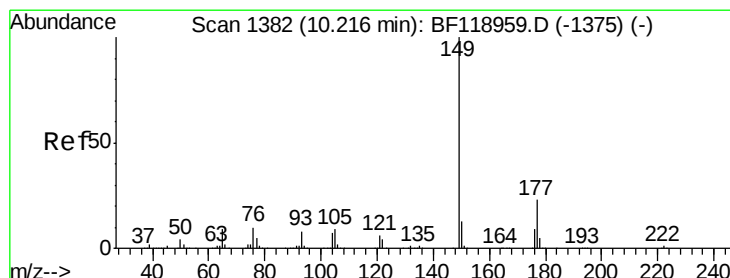
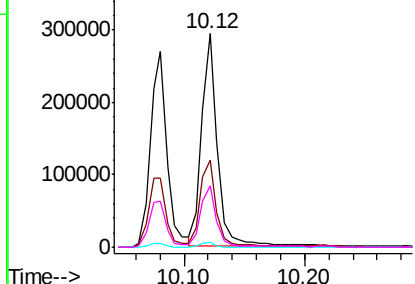
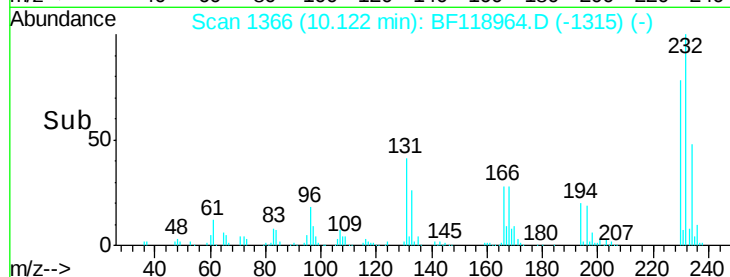
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.174 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF022020

Tot Ion:232 Resp: 267293
Ion Ratio Lower Upper
232 100
131 43.8 34.0 51.0
130 2.3 1.6 2.4
166 29.0 23.6 35.4

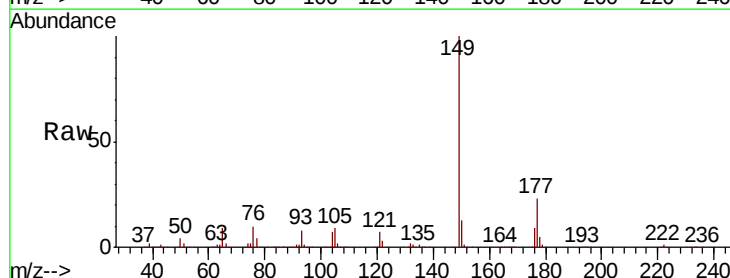


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

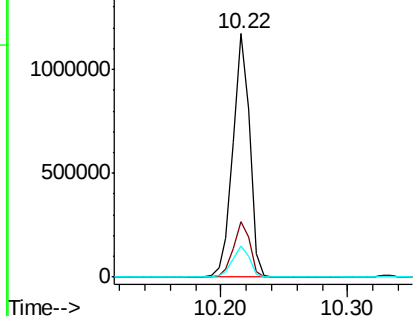
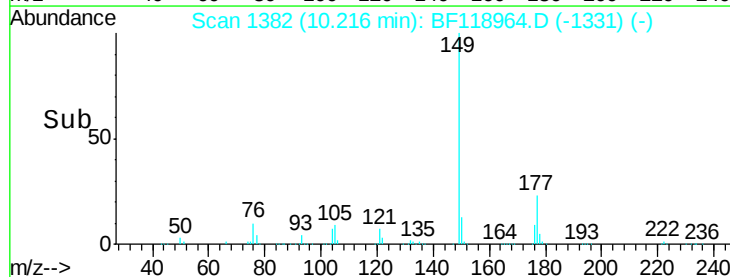


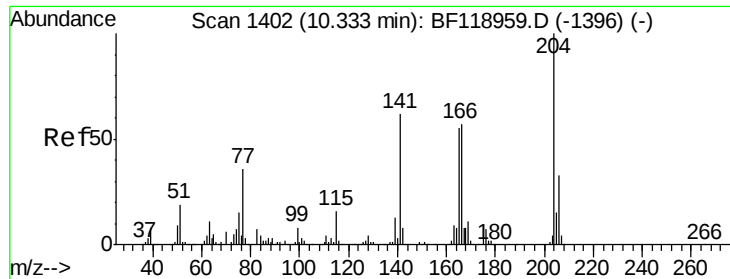
#60
Diethylphthalate
Concen: 38.414 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion:149 Resp: 1055785
Ion Ratio Lower Upper
149 100
177 22.6 18.1 27.1
150 12.7 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

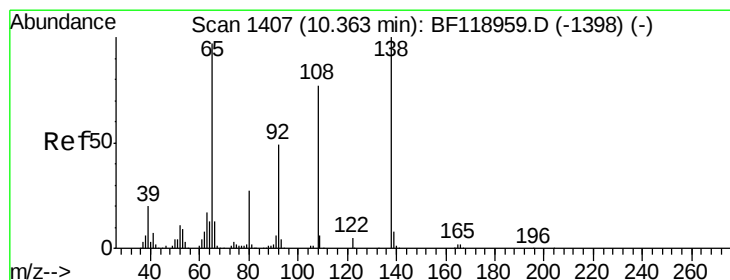
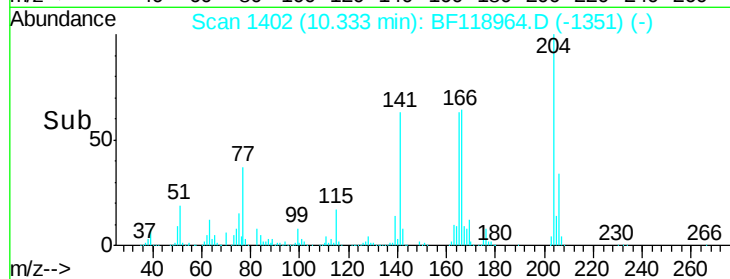
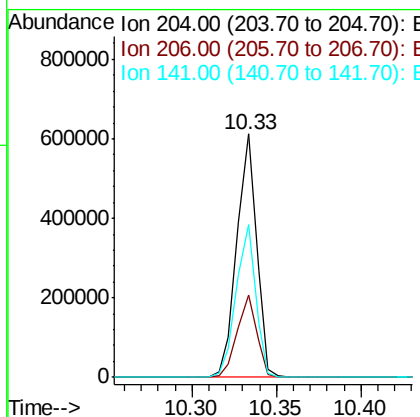
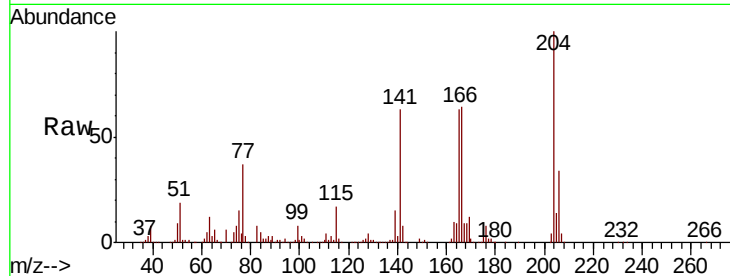




#61
4-Chlorophenyl-phenylether
Concen: 37.467 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

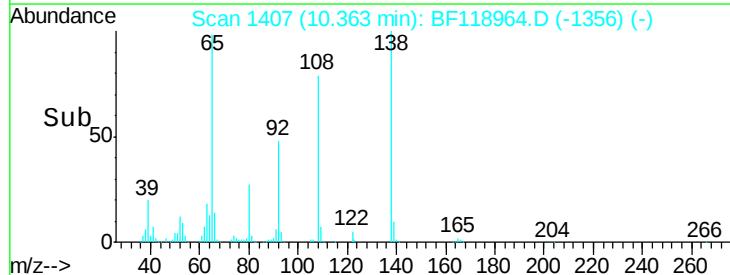
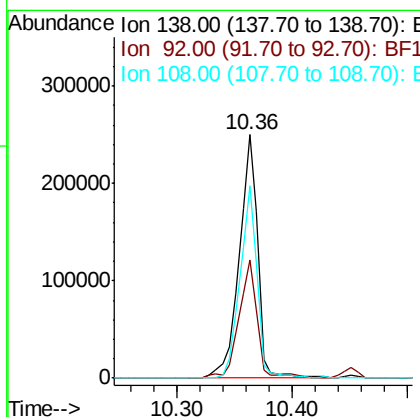
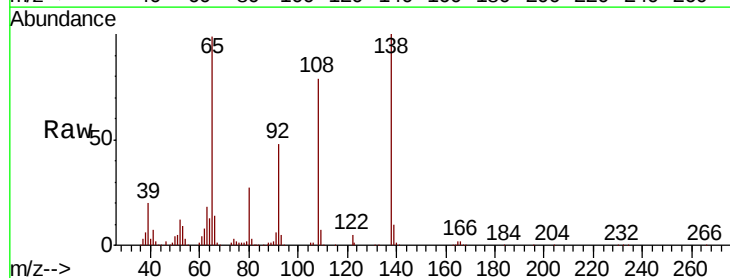
Instrument :
BNA_F
ClientSampleId :
ICVBF022020

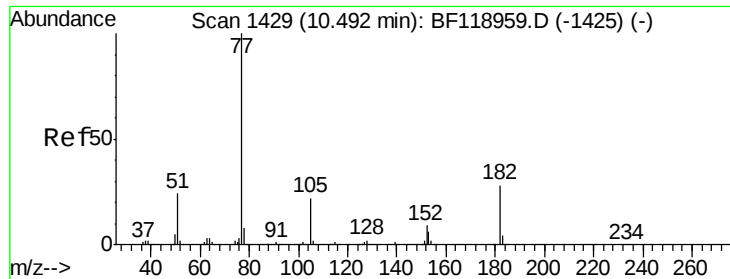
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.5	39.7
141	62.9	49.5	74.3



#62
4-Nitroaniline
Concen: 37.813 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	28.7	68.7
108	78.9	56.8	96.8





#63

Azobenzene

Concen: 38.005 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

Tot Ion: 77 Resp: 907939

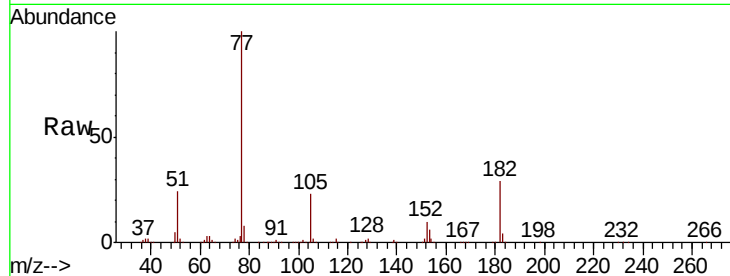
Ion Ratio Lower Upper

77 100

182 28.9 8.2 48.2

105 22.9 2.3 42.3

51 23.9 3.6 43.6

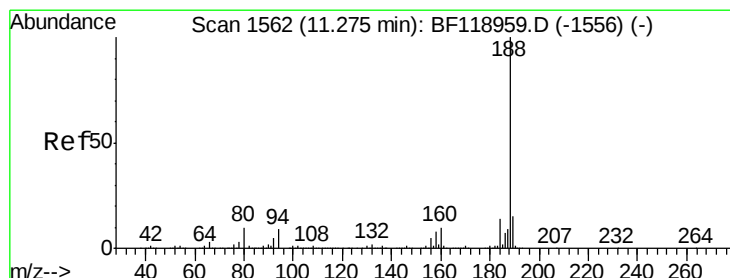
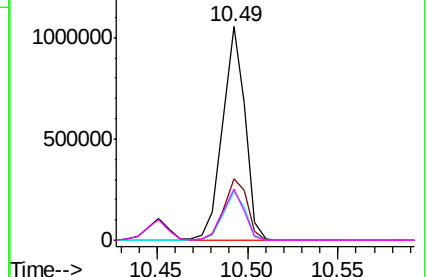
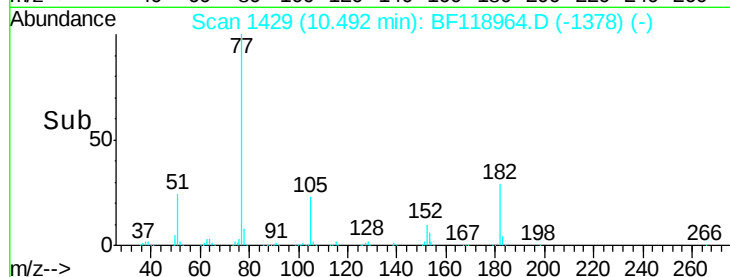


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

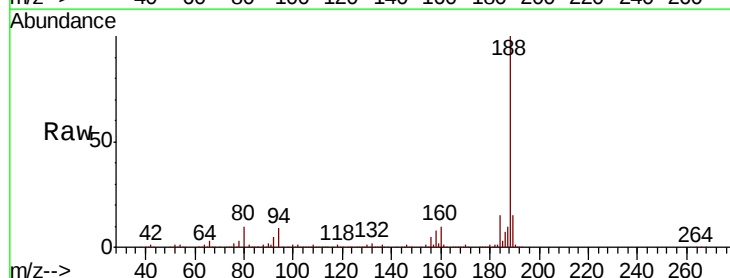
Tgt Ion: 188 Resp: 698307

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

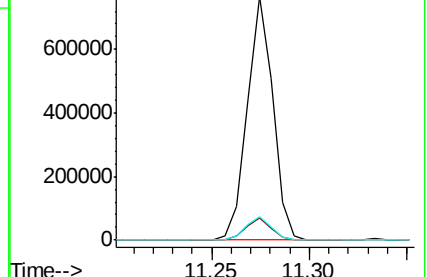
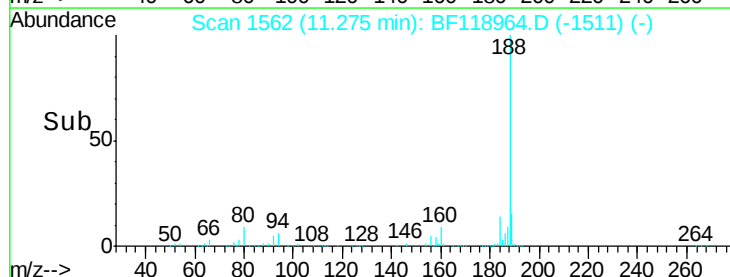
80 9.6 7.9 11.9

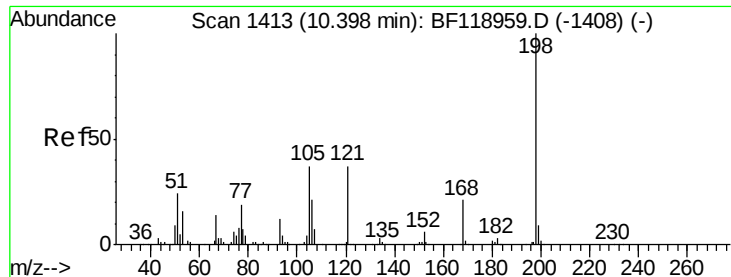


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

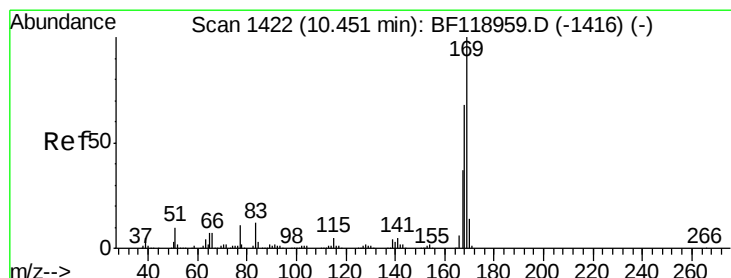
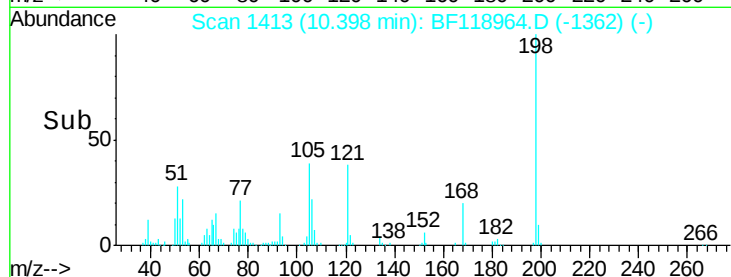
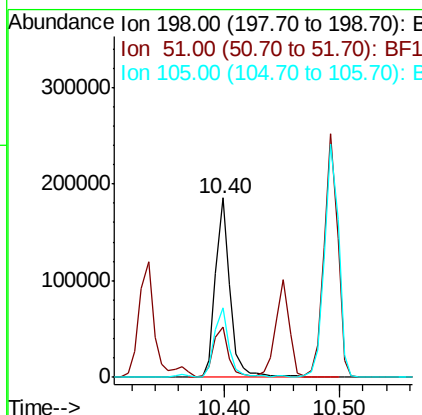
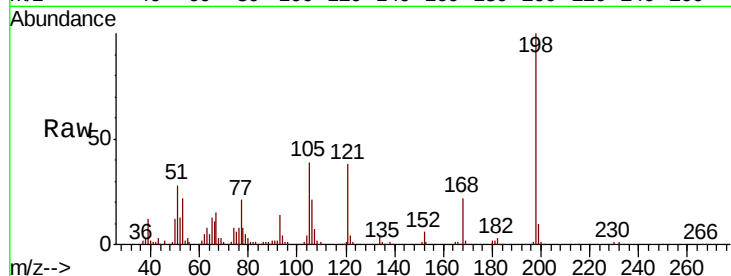




#65
4,6-Dinitro-2-methylphenol
Concen: 38.963 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

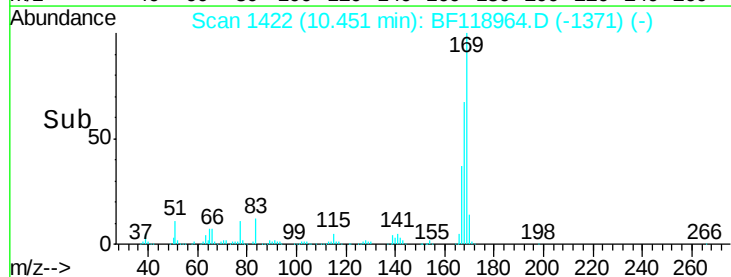
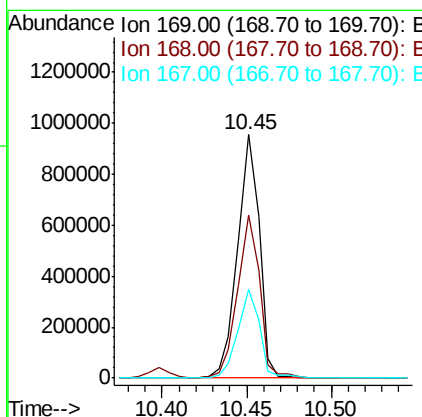
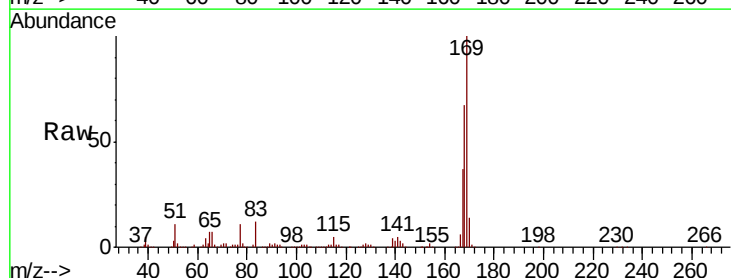
Instrument :
BNA_F
ClientSampleId :
ICVBF022020

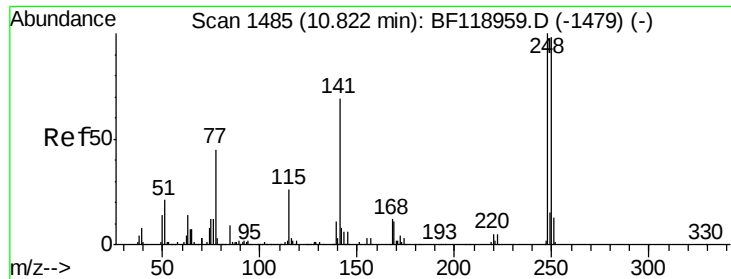
Tot Ion:198 Resp: 164638
Ion Ratio Lower Upper
198 100
51 28.3 7.1 47.1
105 39.0 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 37.353 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion:169 Resp: 854090
Ion Ratio Lower Upper
169 100
168 67.1 54.2 81.2
167 36.7 29.4 44.2

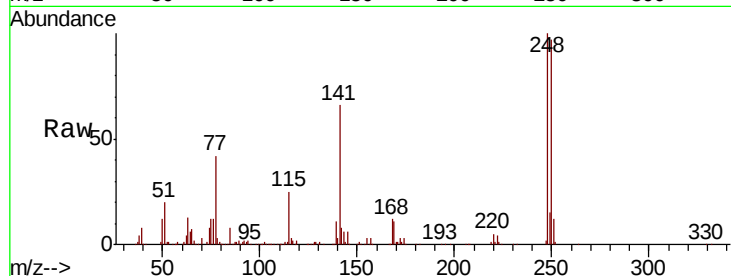




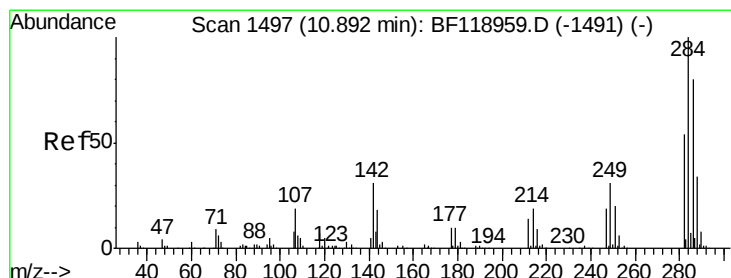
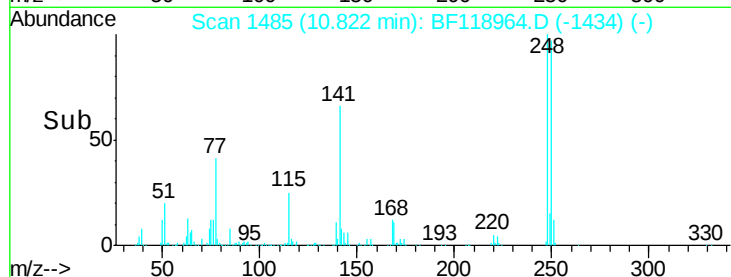
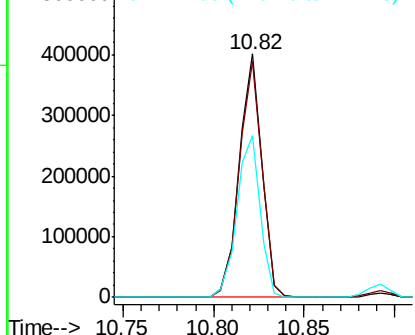
#67
4-Bromophenyl-phenylether
Concen: 38.143 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF022020

Tot Ion:248 Resp: 348159
Ion Ratio Lower Upper
248 100
250 96.9 78.8 118.2
141 66.4 55.3 82.9

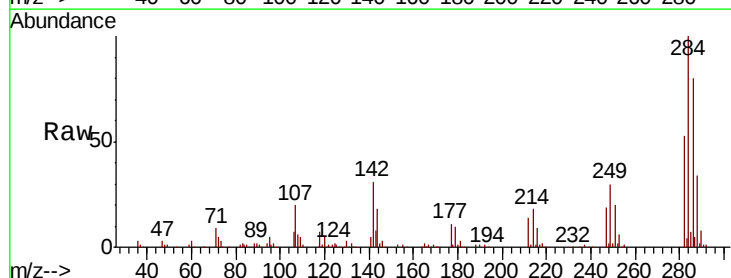


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

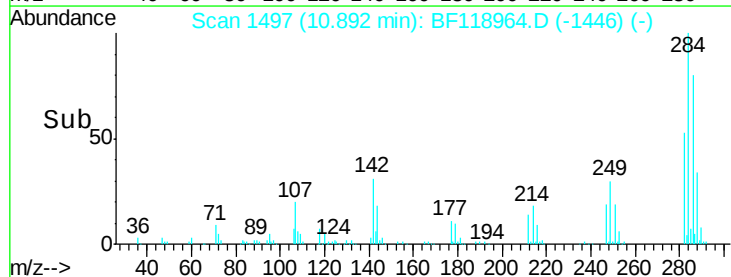
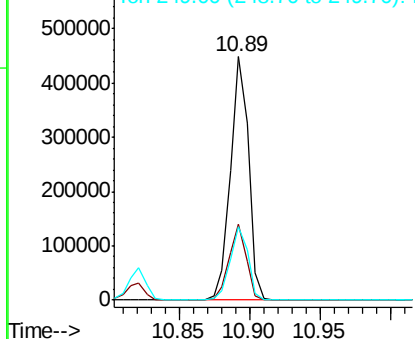


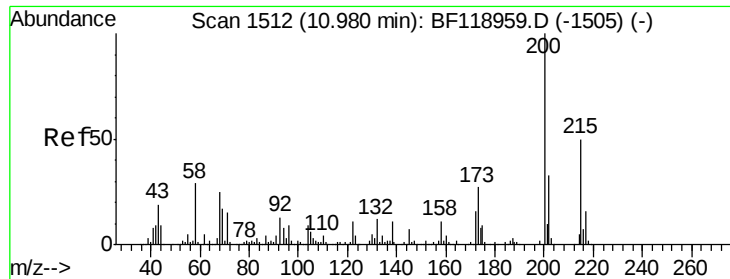
#68
Hexachlorobenzene
Concen: 37.972 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion:284 Resp: 399613
Ion Ratio Lower Upper
284 100
142 31.4 25.0 37.6
249 30.1 25.0 37.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.177 ng

RT: 10.98 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

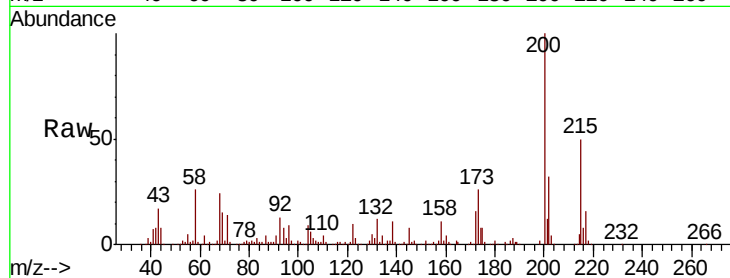
Tot Ion:200 Resp: 304988

Ion Ratio Lower Upper

200 100

173 26.3 6.9 46.9

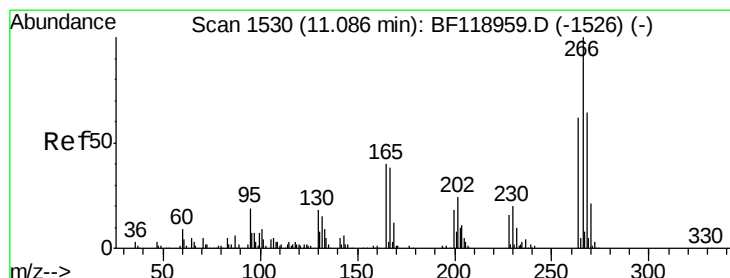
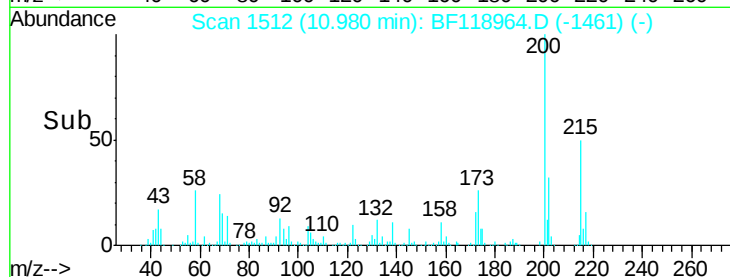
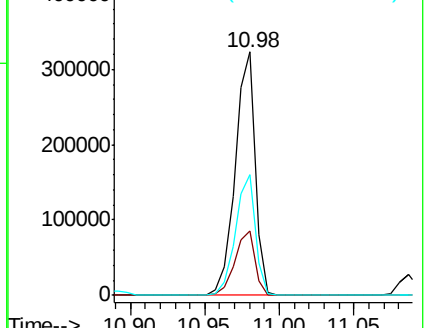
215 49.7 29.7 69.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 38.339 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

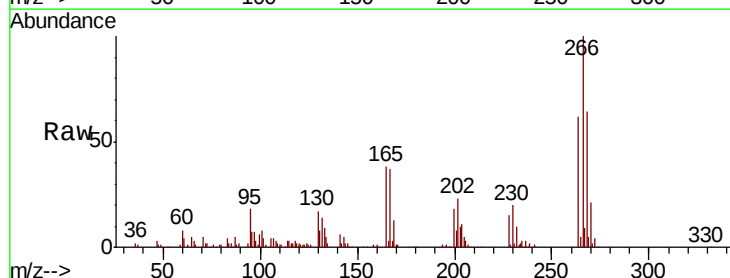
Tgt Ion:266 Resp: 162530

Ion Ratio Lower Upper

266 100

268 63.7 51.4 77.0

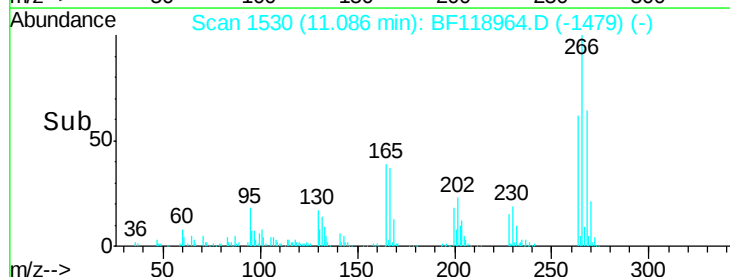
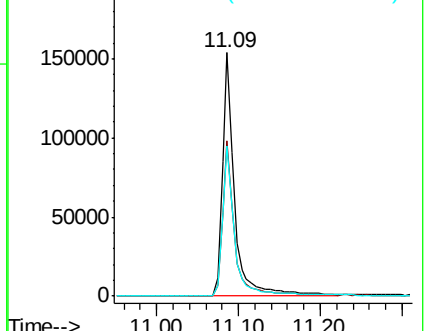
264 61.5 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.167 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

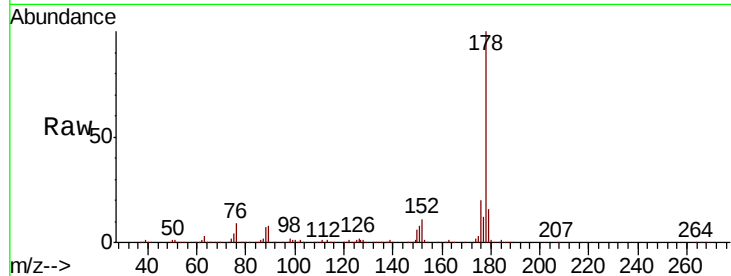
BNA_F

ClientSampleId :

ICVBF022020

Tot Ion:178 Resp: 1453473

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	16.0	12.6	18.8

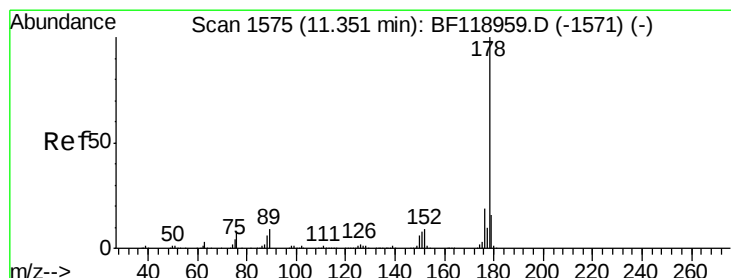
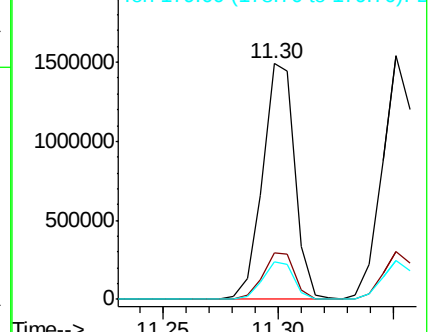
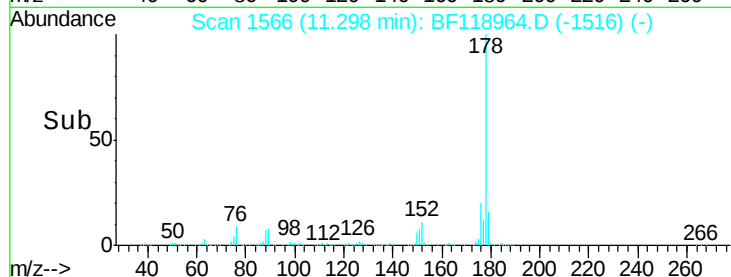


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.080 ng

RT: 11.35 min Scan# 1575

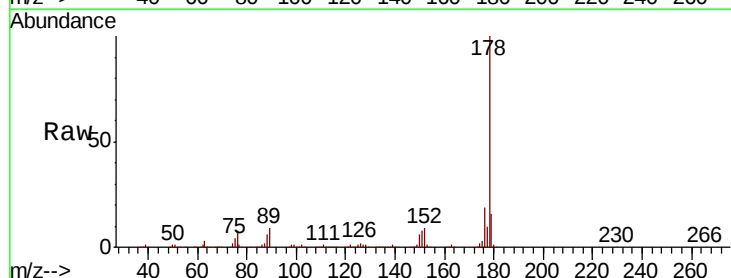
Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Tgt Ion:178 Resp: 1448960

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.0	12.8	19.2

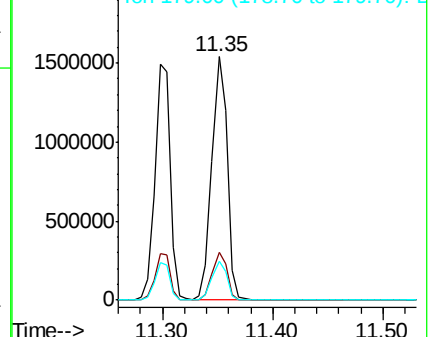
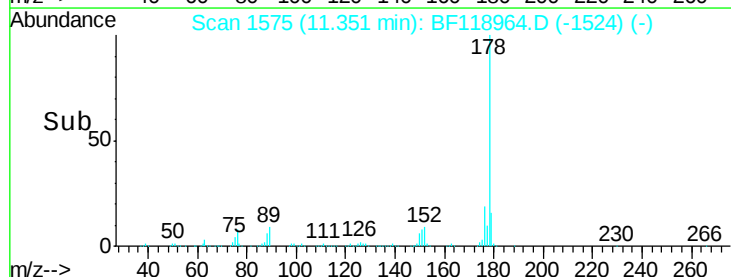


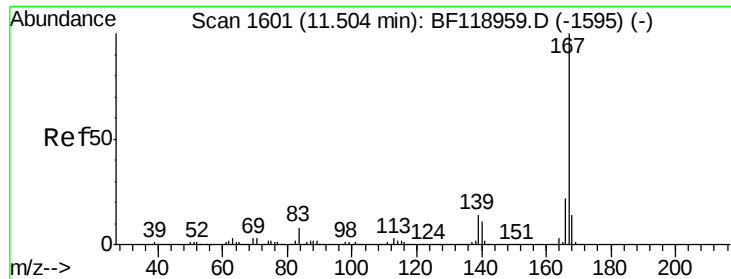
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

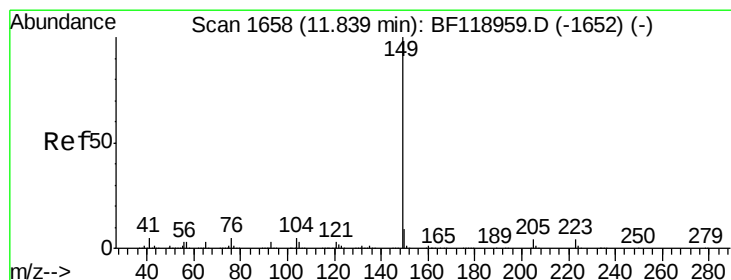
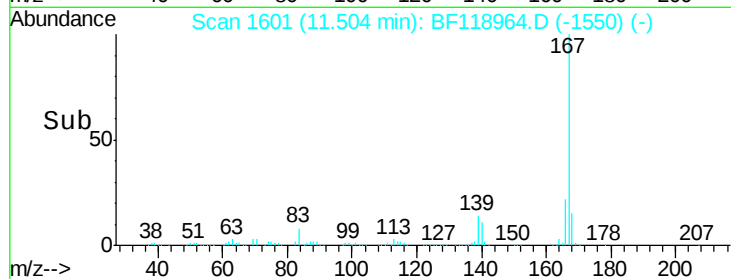
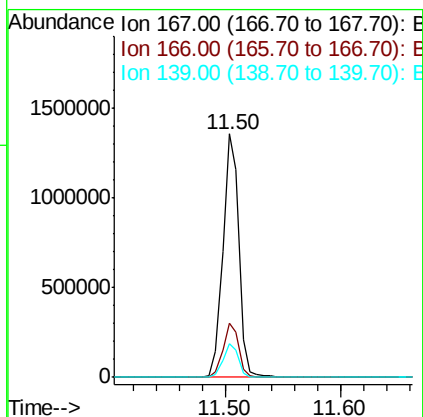
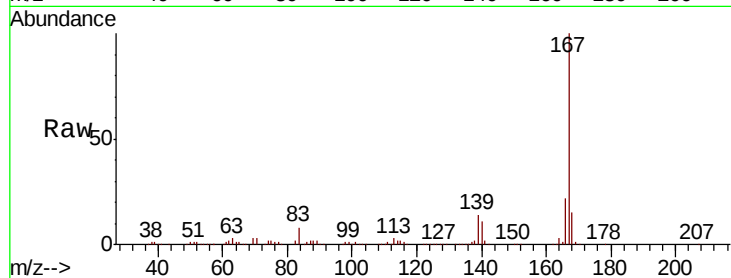




#73
 Carbazole
 Concen: 38.090 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

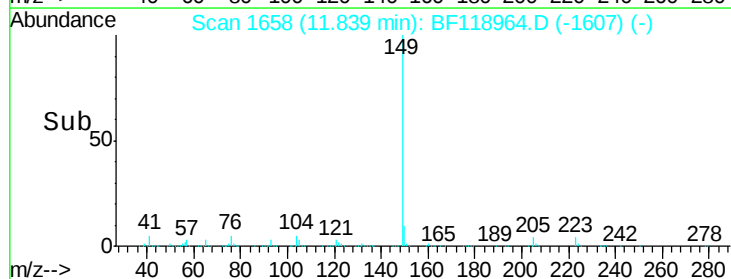
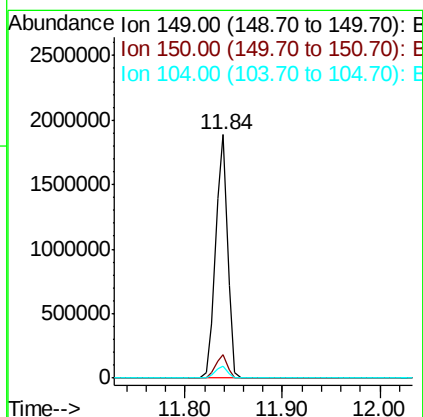
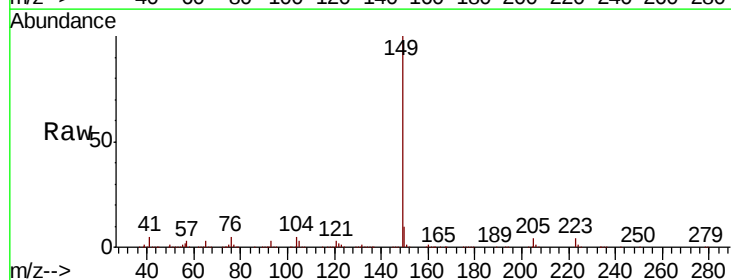
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022020

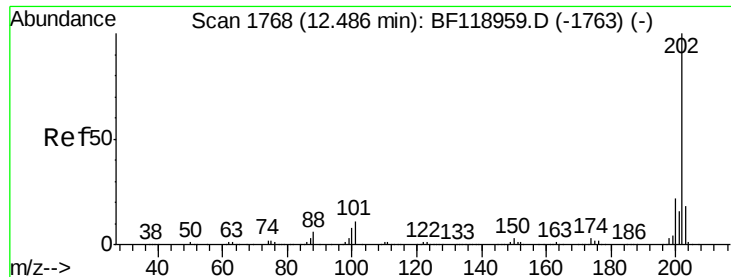
Tot Ion:167 Resp: 1291184
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.6
 139 13.9 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 39.015 ng
 RT: 11.84 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

Tgt Ion:149 Resp: 1601607
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 38.729 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

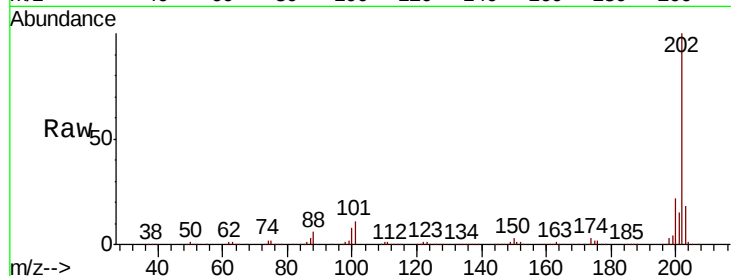
Tot Ion:202 Resp: 1565553

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.1

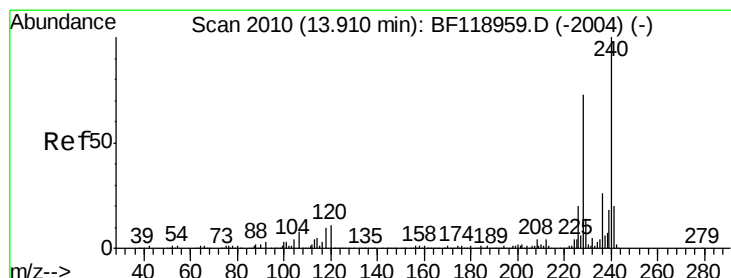
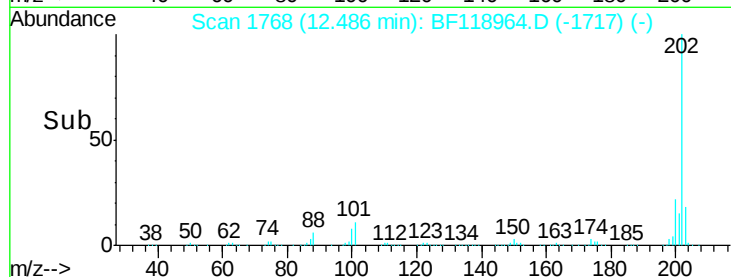
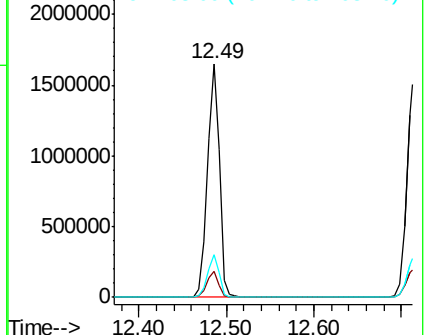
203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

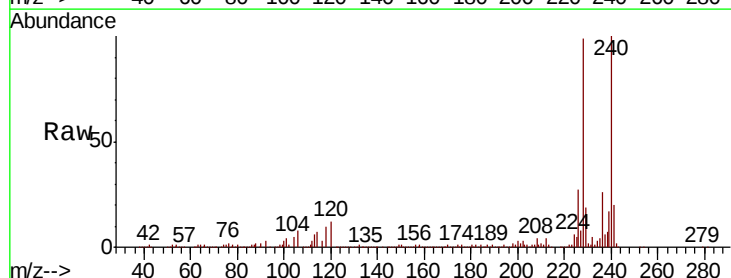
Tgt Ion:240 Resp: 542058

Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

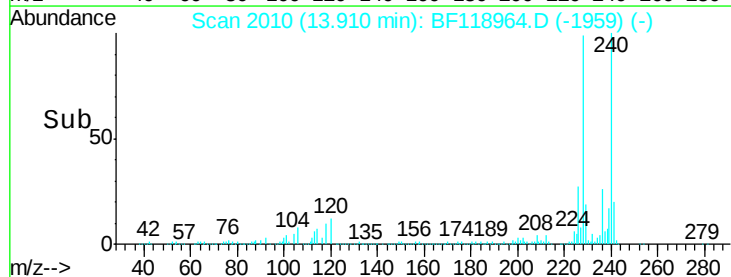
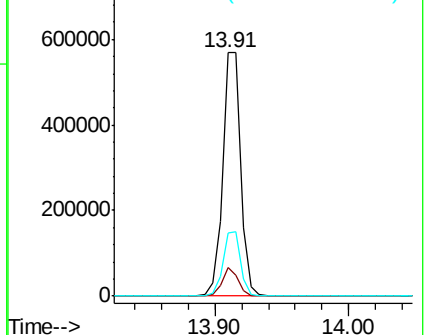
236 26.1 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.860 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

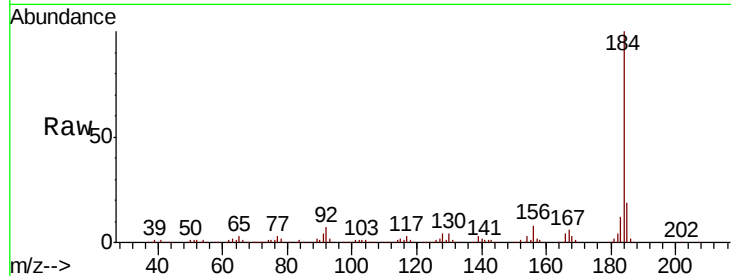
Tot Ion:184 Resp: 790533

Ion Ratio Lower Upper

184 100

185 18.5 12.6 19.0

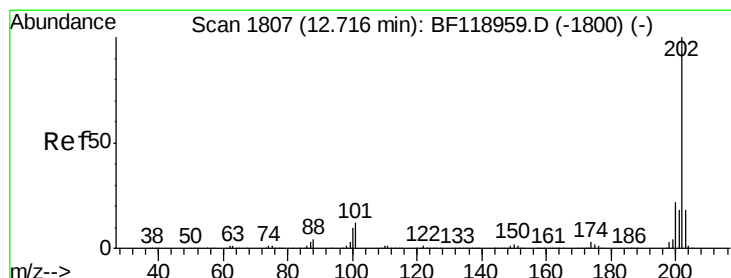
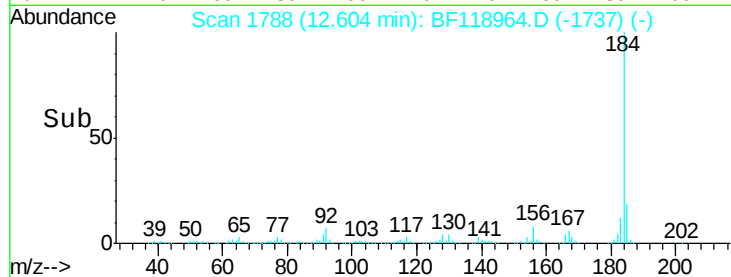
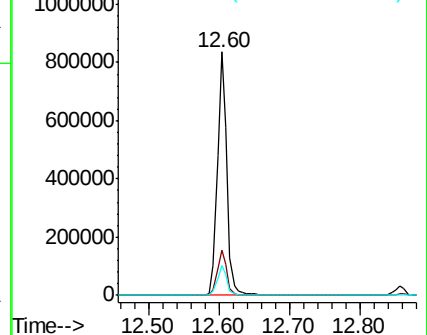
183 12.4 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.035 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

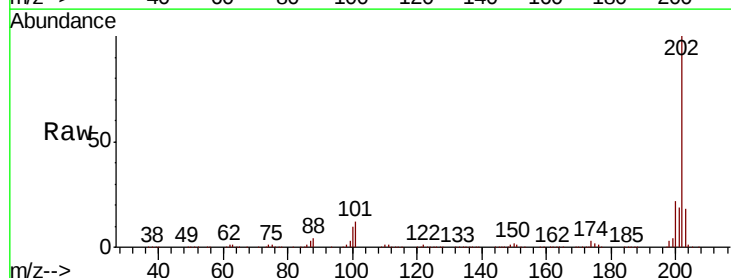
Tgt Ion:202 Resp: 1568464

Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.0

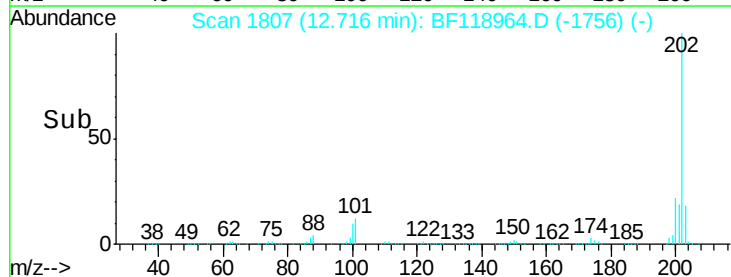
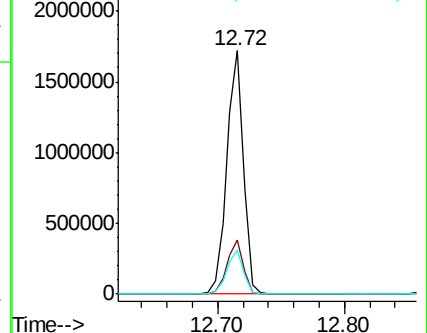
203 18.0 14.5 21.7

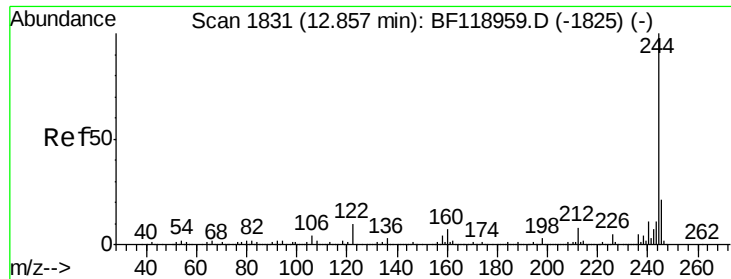


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.355 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

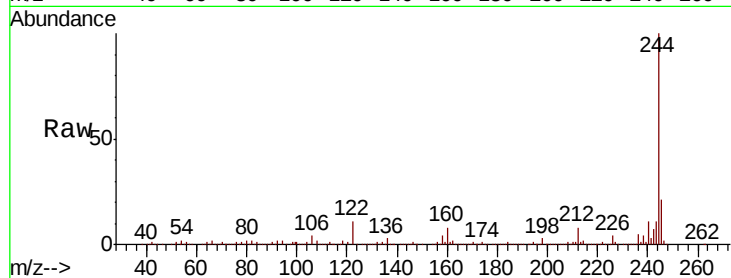
Tot Ion:244 Resp: 2278060

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

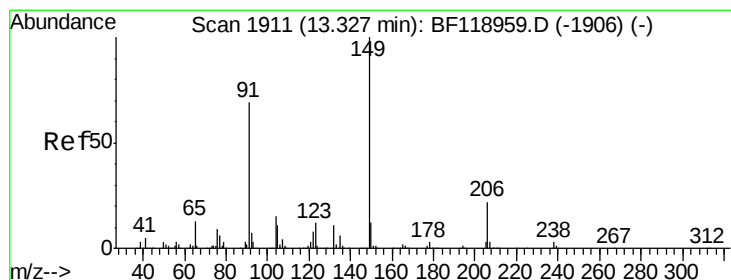
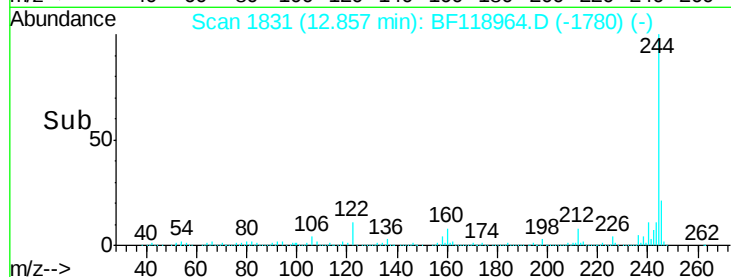
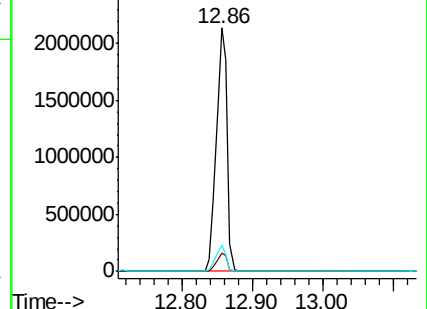
122 10.7 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.620 ng

RT: 13.33 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

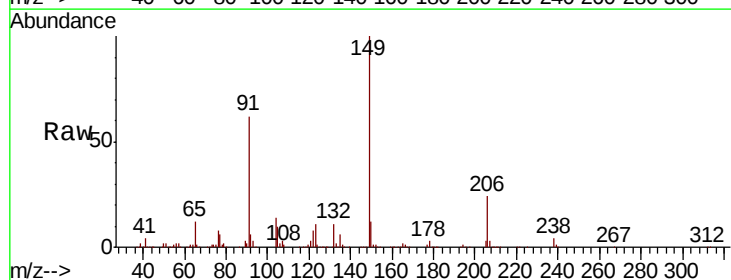
Tgt Ion:149 Resp: 689165

Ion Ratio Lower Upper

149 100

91 61.8 55.4 83.2

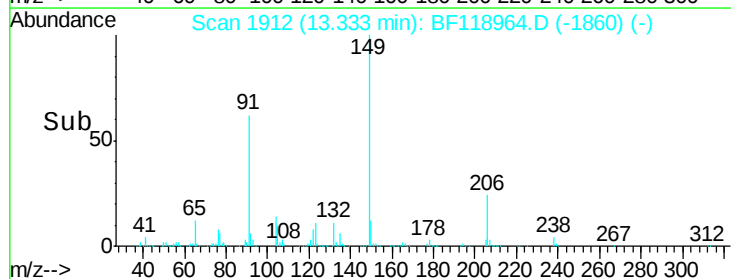
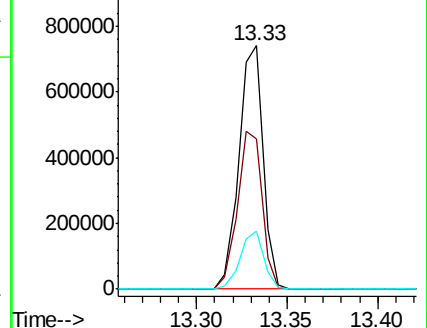
206 23.8 17.7 26.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.732 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

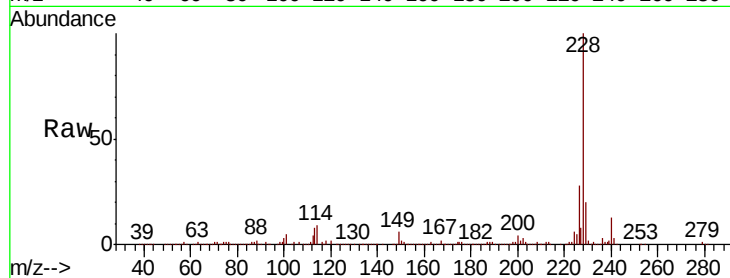
BNA_F

ClientSampleId :

ICVBF022020

Tot Ion:228 Resp: 1393591

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	19.9	16.0	24.0

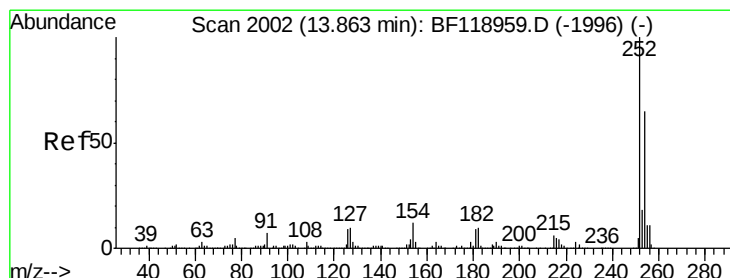
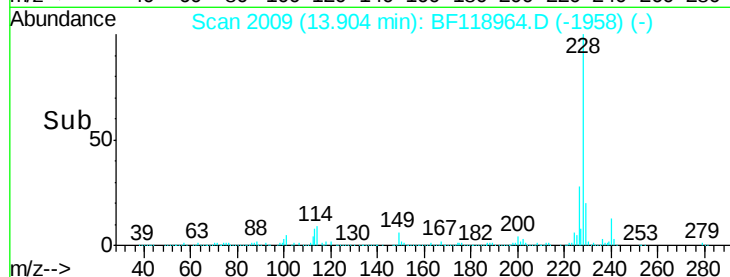
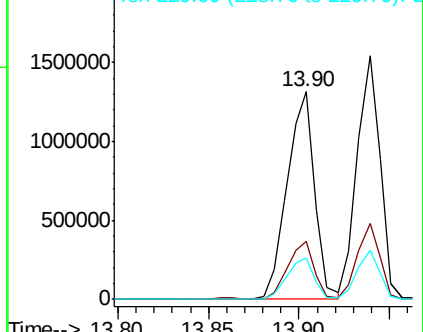


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.882 ng

RT: 13.86 min Scan# 2002

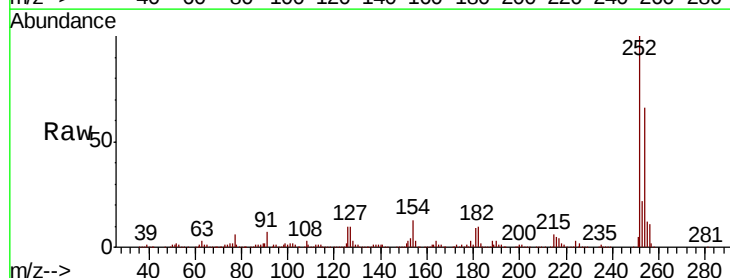
Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Tgt Ion:252 Resp: 543290

Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.1	78.1
126	9.6	7.3	10.9

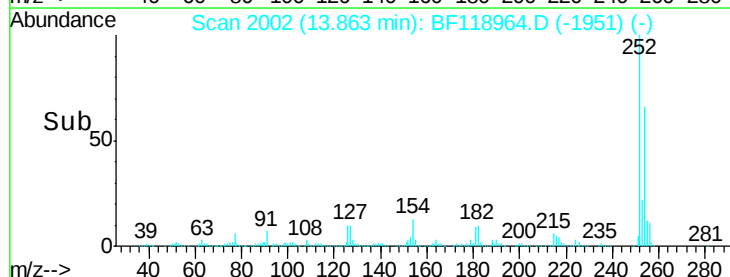
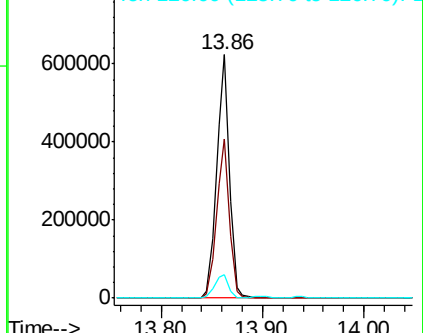


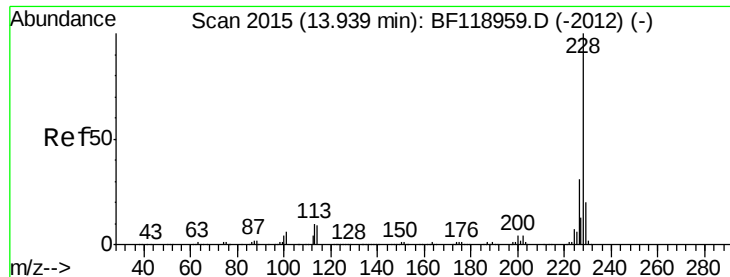
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.220 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

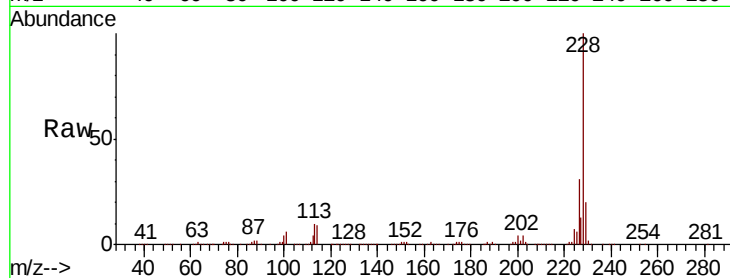
BNA_F

ClientSampleId :

ICVBF022020

Tot Ion:228 Resp: 1369746

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	20.1	16.2	24.2

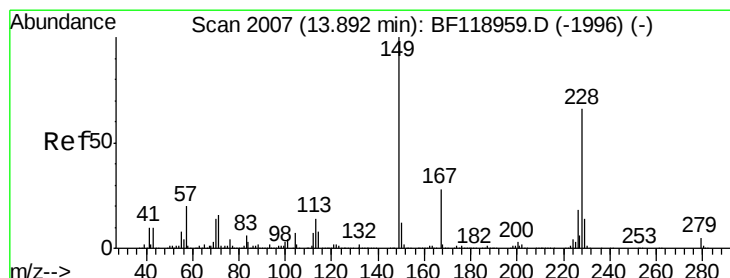
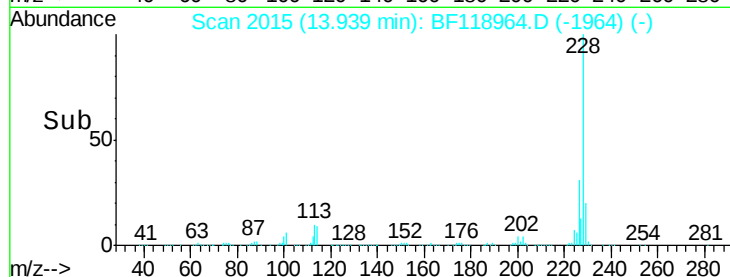
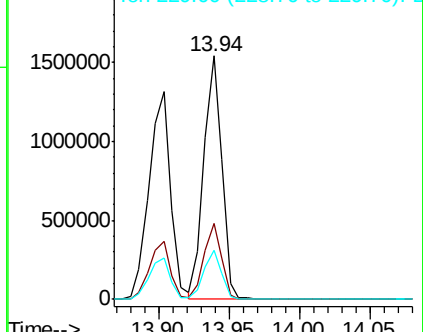


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.729 ng

RT: 13.89 min Scan# 2007

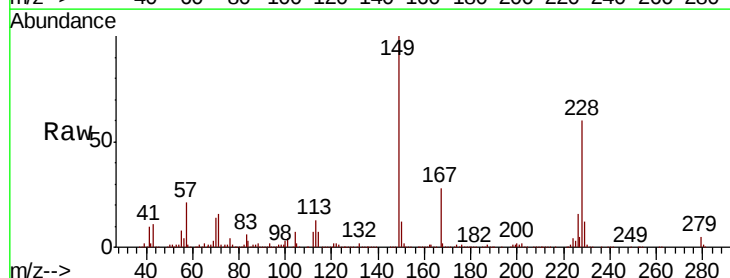
Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Tgt Ion:149 Resp: 896329

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.3	33.5
279	5.4	4.2	6.4

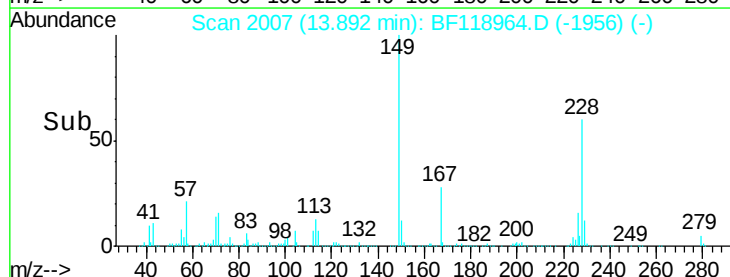
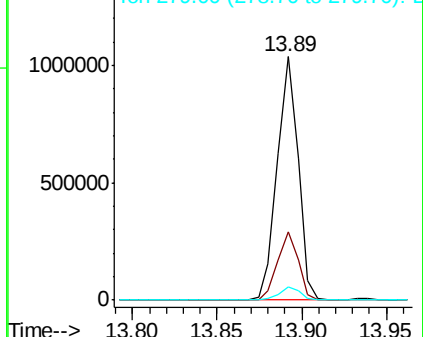


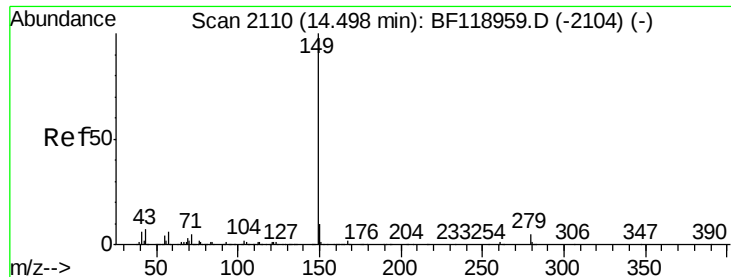
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

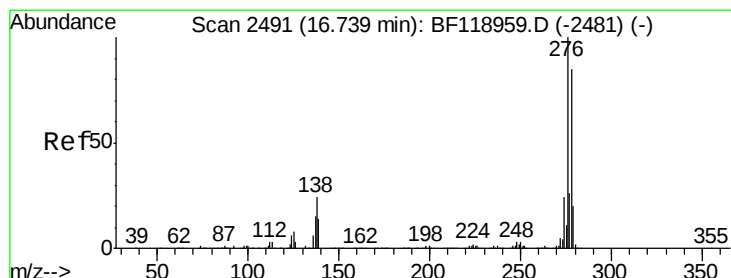
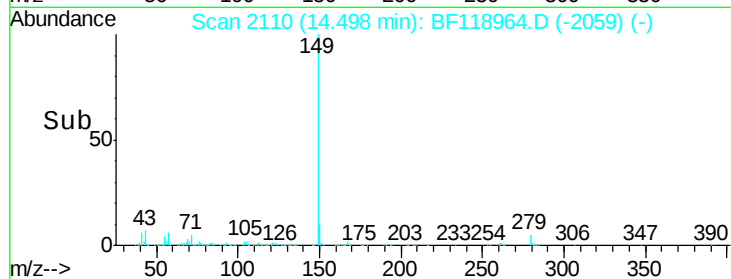
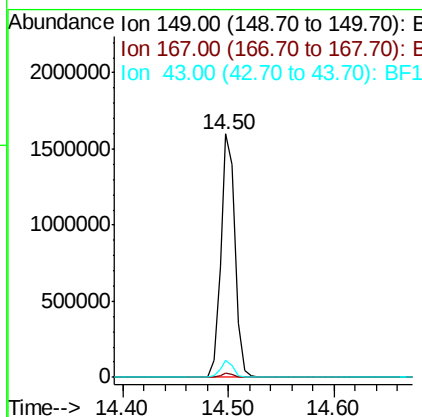
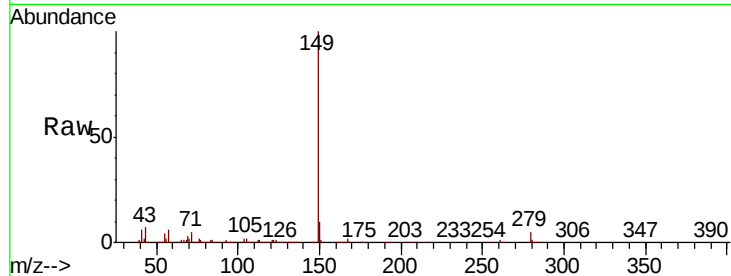




#85
Di-n-octyl phthalate
Concen: 40.942 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

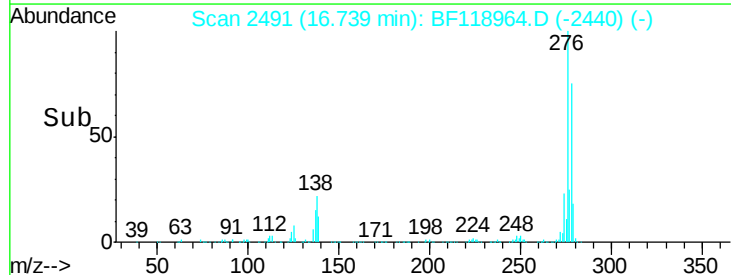
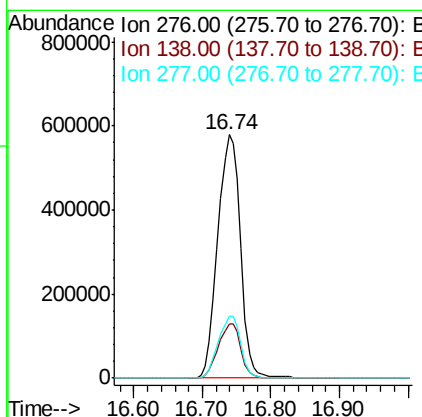
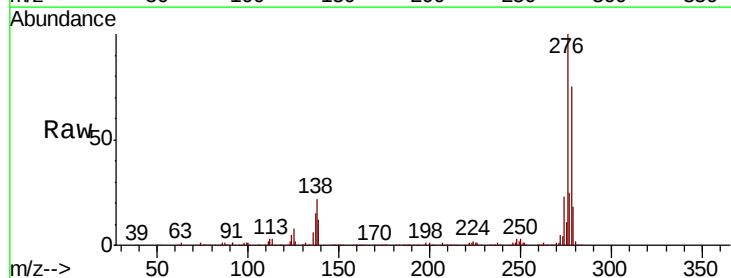
Instrument :
BNA_F
ClientSampleId :
ICVBF022020

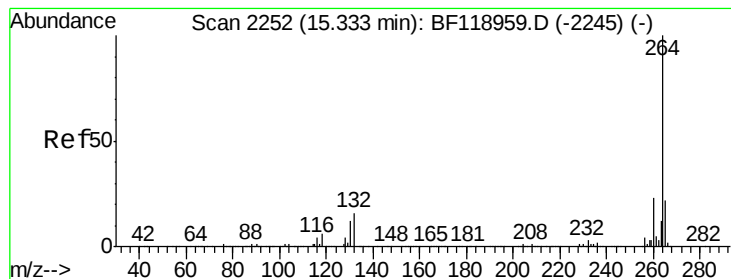
Tot Ion:149 Resp: 1509713
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 6.5 5.2 7.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.364 ng
RT: 16.74 min Scan# 2491
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion:276 Resp: 1331435
Ion Ratio Lower Upper
276 100
138 22.2 18.7 28.1
277 25.2 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

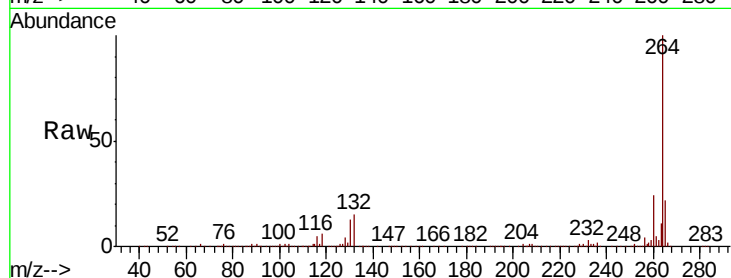
Tot Ion:264 Resp: 566621

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

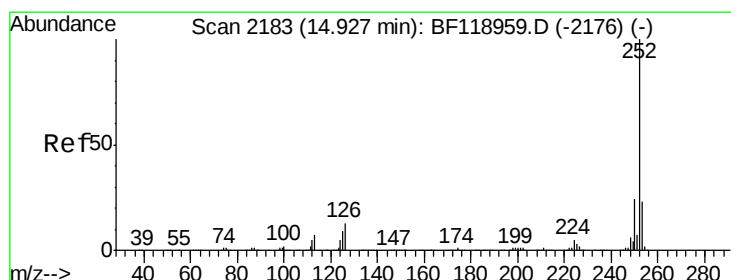
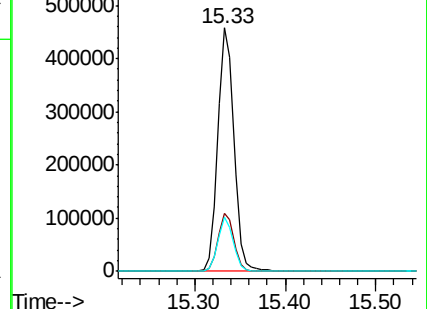
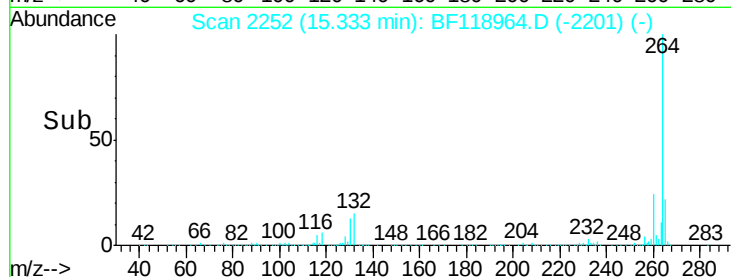
265 22.1 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.318 ng

RT: 14.93 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

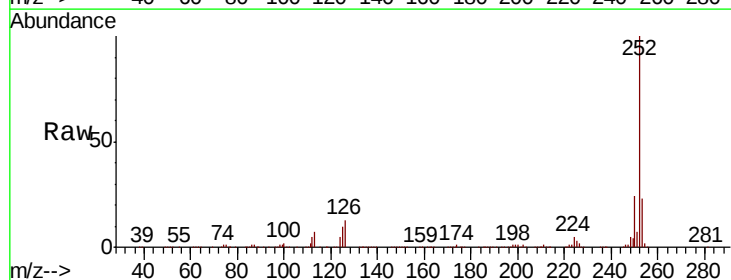
Tgt Ion:252 Resp: 1468480

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

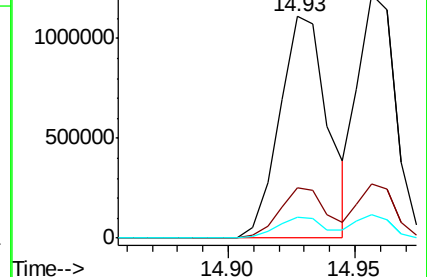
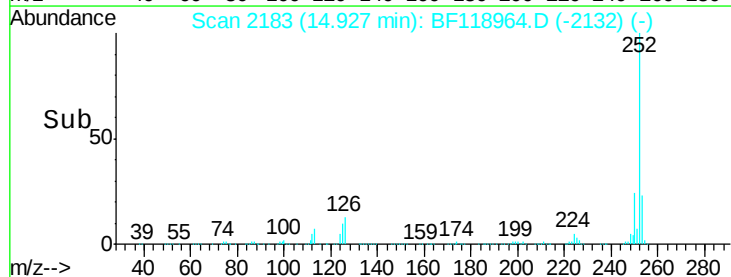
125 9.7 7.4 11.0

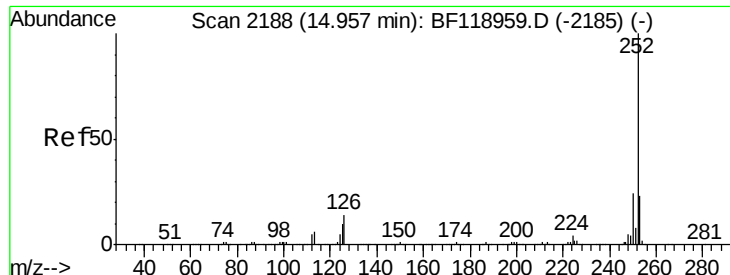


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 37.014 ng

RT: 14.96 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

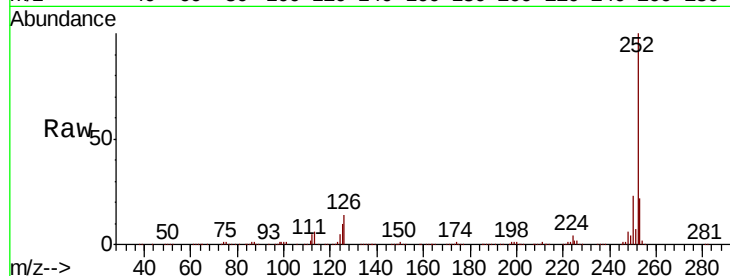
Tot Ion:252 Resp: 1281121

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

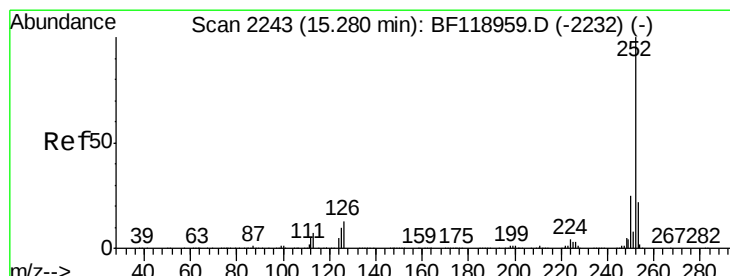
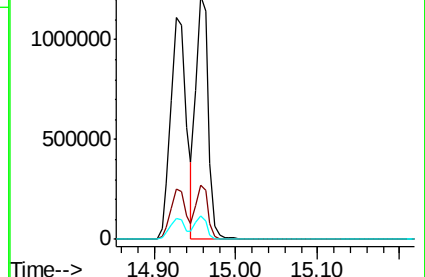
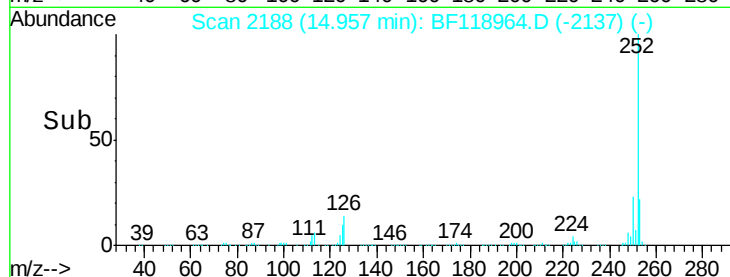
125 9.8 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 36.963 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

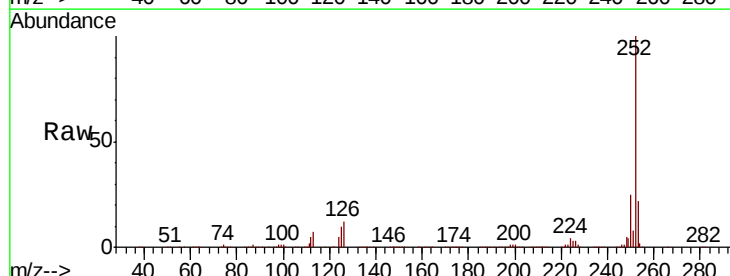
Tgt Ion:252 Resp: 1245935

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

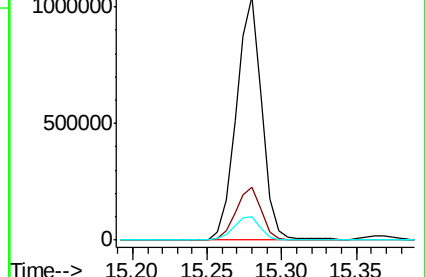
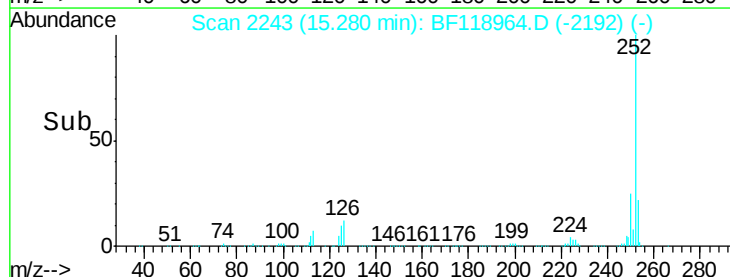
125 9.6 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 36.956 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF022020

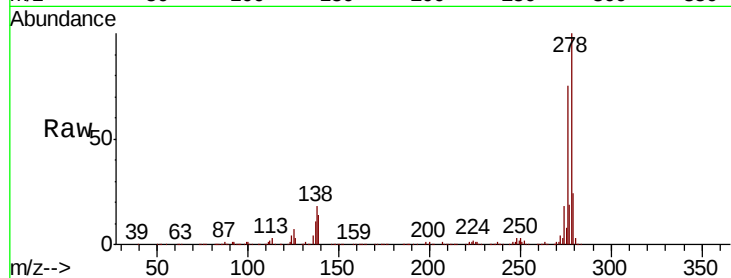
Tot Ion:278 Resp: 1096092

Ion Ratio Lower Upper

278 100

139 13.7 12.6 18.8

279 23.5 19.0 28.6

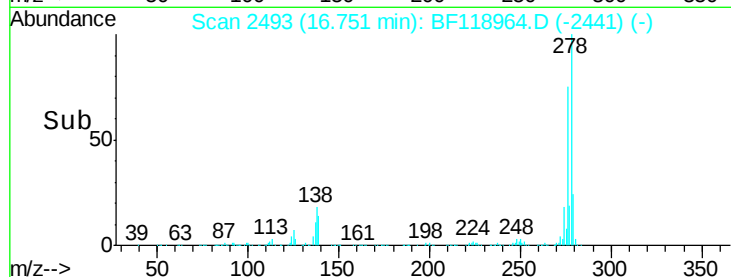


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

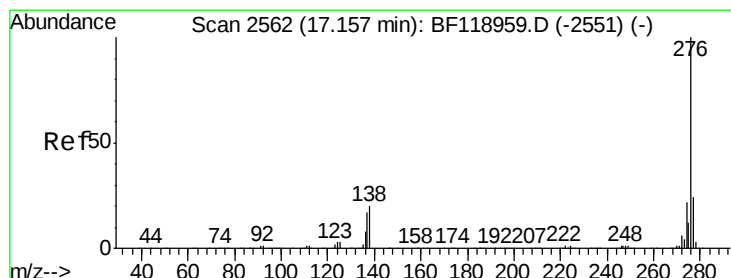
16.75



Abundance

16.75

Time-->



#92

Benzo(g,h,i)perylene

Concen: 35.947 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.01 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

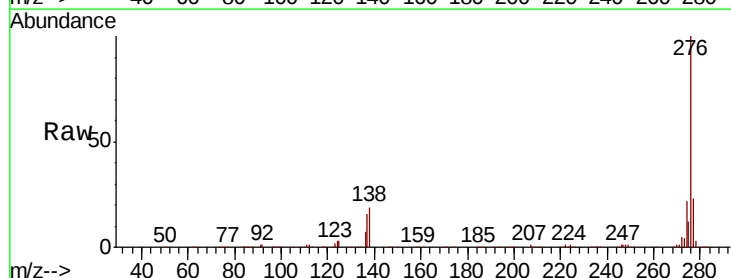
Tgt Ion:276 Resp: 1053429

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 18.8 16.2 24.4

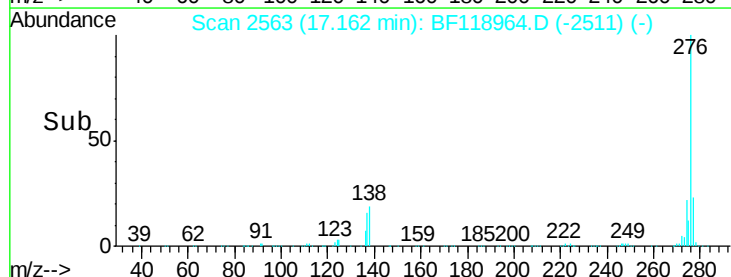


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

17.16



Abundance

17.16

Time-->